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Annual Farm and Home Week Program

January 15 to 19
1934



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FEB 28 1934

UNIVERSITY OF ILLINOIS

College of Agriculture
University of Illinois
Urbana-Champaign

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INFORMATION FOR VISITORS

Registration—Every visitor is urged to register immediately upon arrival. There is no registration fee. Registration headquarters will be maintained in the University Auditorium during the entire week. Registration for the **HOMEMAKERS CONFERENCE** will be held in the lobby of Lincoln Hall. At the time of registering you will be given an official **FARM AND HOME WEEK** badge.

Daily Program—The daily program will consist of courses offered by the different departments of the College of Agriculture, lectures and talks by prominent speakers, recreational features, special exhibits, and an entertaining program each evening.

Those attending will be encouraged to register for courses in which they are particularly interested and to attend them regularly thruout the week. In this way one will get the greatest possible benefit from the courses selected.

Conference Hour—The hour 8 to 9 each morning has been reserved for conference with members of the College staff or others. Inquire at the registration desk for assistance in locating anyone you may wish to see.

Locating Lecture Rooms and Laboratories—The location of rooms and laboratories is indicated on this program by room number and name of building. Signs in each building will direct you to the room desired. In the New Agricultural Building all rooms with numbers in the one hundreds are on the first floor, all in the two hundreds on the second floor, etc.

Exhibits—**FARM AND HOME WEEK** guests should avail themselves of the opportunity of visiting the many exhibits on the campus pertaining to subjects of both agricultural and general interest. A brief description of the exhibits will be found at the back of this program.

Meals—Meals may be secured at numerous restaurants near the University campus. Noon lunch will be served at the Home Economics Cafeteria in the Woman's Building. Student agricultural clubs plan to serve lunches. Announcements will be made at Auditorium.

Rooms—A list of rooms available in the University district for **FARM AND HOME WEEK** visitors will be maintained at the registration desk in the Auditorium.

Lost and Found—Articles lost should be reported and those found turned in to registration headquarters in the Auditorium.

Guides—Agricultural students and faculty members will wear badges indicating that they are guides. Feel free to ask them and others on the campus for information.

Illness and Accidents—Illness or accidents should be promptly reported to the registration desk in the Auditorium. First aid service will be rendered by the University Health Station, telephone 7-1821.

Program by Days

(For Art Extension Conference, see page 28)

(For Homemakers Conference, see page 26)

MONDAY

Monday—9:00 a.m.

Registration—Auditorium

Monday—1:00 p.m.

AGR. ECON.—Relation of recent economic changes to marketing problems. BARTLETT (*103 New Agr.*)

AGR. ENGIN.—Recent development in tractor wheel equipment.* SHAWL (*201 Agr. Engin.*)

ANIM. HUSB.—Livestock outlook. RUSK (*330 New Agr.*)
Demonstration in judging fowls for production.* SLOAN (*Stock Pavilion*)

DAIRY—Plans for controlling amount of milk produced thru reduction in number of cows. RHODE (*128 New Agr.*)

Problems in the direct marketing of dairy products. RUEHE (*Dairy Manfr.*)

HORT.—Roots, root distribution, soil moisture, and fertilizers in the apple orchard. DORSEY (*211 New Agr.*)

RURAL ORGAN.—Methods for reducing the relief load of the local community.* HILLER (*214 New Agr.*)

JR. CLUB WORK—Teaching function of the club leader. MAYS (*South Parlor, Second Floor, W.B.*)

HOME ECON.—The charm of glass. WEAVER (*210 W.B.*)

Monday—2:00 p.m.

AGR. ECON.—Why some farms pay better than others. MOSHER (*127 New Agr.*)

AGR. ENGIN.—Recent development in tractor wheel equipment.* SHAWL (*201 Agr. Engin.*)

ANIM. HUSB.—Practices and methods of successful raisers of beef calves in Illinois. ROBBINS (*330 New Agr.*)
Demonstration in judging fowls for production.* SLOAN (*Stock Pavilion*)

DAIRY—Shall we feed for high or for moderate production per cow. NEVENS (*128 New Agr.*)

Some common flavor defects in milk. TRACY (*Dairy Manfr.*)

HORT.—Cover crops in relation to growth maintenance in the apple orchard. McMUNN (*211 New Agr.*)

Problems in tomato growing. WEAVER (*123 New Agr.*)

RURAL ORGAN.—Methods for reducing the relief load of the local community.* HILLER (*214 New Agr.*)

*Programs designated by an asterisk are not completed in one hour. See preceding or following schedules for full program.

HOME ECON.—Feeding the sick in the home. BARTO (210 *W.B.*)

Monday—3:00 p.m.

General Session—Auditorium

DEAN H. W. MUMFORD, *presiding*

Farming on Facts and Faith. DEWITT C. WING, Agricultural Adjustment Administration, U.S. Department of Agriculture, Washington, D.C. (Preceded by violin selections, ARTHUR E. COHEN)

Monday—5:30 p.m.

Agricultural Alumni Banquet—McKinley Foundation

Observations. DE WITT C. WING

Monday—8:00 p.m.

General Session—Men's New Gymnasium

Athletic Evening

TUESDAY

Tuesday—8:00 a.m.

RURAL ORGAN.—Factors favoring the development of rural leadership. GRIFFITH (103 *New Agr.*)

Tuesday—9:00 a.m.

AGR. ECON.—Rental contracts with tenants having little capital. HUDELSON (127 *New Agr.*)

AGR. ENGIN.—Plow adjustment and repair. YOUNG (201 *Agr. Engin.*)

AGRON.—The land areas of Illinois. SMITH (600 *Old Agr.*)

ANIM. HUSB.—A square deal for the farm horse. EDMONDS (330 *New Agr.*)

Meeting the mortality problem. CARD (316 *New Agr.*)

BEEKEEPING.—The way the bee works. MILUM (104 *Vivarium*)

DAIRY.—The place of purebred cattle in dairy farming. YAPP (128 *New Agr.*)

Manufacture of cottage and cream cheese.* TUCKEY (*Dairy Manfr.*)

HORT.—Apple washing machinery. KADOW (211 *New Agr.*)
The window garden. HUTCHINSON (123 *New Agr.*)

HOME ECON.—An hour of music for children. HOLMES (*South Parlor, Second Floor, W.B.*)

Tuesday—10:00 a.m.

- AGR. ENGIN.—Plow attachments and equipment for trash coverage. CLEAVER (*201 Agr. Engin.*)
- AGRON.—The significance of soil types. NORTON (*600 Old Agr.*)
- ANIM. HUSB.—Some current poultry problems as observed in Illinois. ALP (*316 New Agr.*)
- What the federal corn-hog production control program means to Illinois swine growers. CARROLL (*330 New Agr.*)
- BEEKEEPING—Types of bee equipment. MILUM (*104 Vivarium*)
- DAIRY—Fundamental principles in dairy cattle breeding. KUHLMAN (*128 New Agr.*)
- Manufacture of cottage and cream cheese.* TUCKEY (*Dairy Manfr.*)
- HORT.—Experiments in removal of spray residue on apples. RUTH (*211 New Agr.*)
- Small scale commercial canning. HUELSEN (*123 New Agr.*)
- HOME ECON.—Cutlery with an edge. DORSEY (*210 W.B.*)
- ILLINOIS BROWN SWISS BREEDERS—Annual meeting (*205 Old Agr.*)
- ILLINOIS FARM MANAGERS' ASSOCIATION—Annual meeting (*Newman Foundation*)

Tuesday—11:00 a.m.

General Session—Auditorium

E. W. LEHMANN, *presiding*

- Needed reforms to reduce the cost of town and county government. M. H. HUNTER, University of Illinois, Professor of Economics. (Preceded by selections, Men's Glee Club, University of Illinois. R. F. DVORAK, Director)

Tuesday—1:00 p.m.

- AGR. ECON. & DAIRY—Store sales as related to per capita consumption of milk.* BARTLETT. Round table discussion (*103 New Agr.*)
- Livestock marketing problems of today.* ASHBY. Round table discussion (*215 Com.*)
- AGR. ENGIN.—Binder troubles and adjustments. SHAWL (*201 Agr. Engin.*)
- AGRON.—Productivity levels of Illinois soils. BAUER (*600 Old Agr.*)
- ANIM. HUSB.—The development of young stallions. POTTS (*330 New Agr.*)
- Egg candling and grading demonstration.* ALP (*331 New Agr.*)
- BEEKEEPING—Bee life is short; facts worth knowing. MILUM (*104 Vivarium*)
- DAIRY—Preparation of cultured and flavored milk drinks; manufacture of honey-cream.* TRACY (*Dairy Manfr.*)
- HORT.—Apple scab. ANDERSON (*211 New Agr.*)

RURAL ORGAN.—What responsibility cooperation with the federal program for relief entails on the part of the local community.* HILLER (214 *New Agr.*)

JR. CLUB WORK.—Preparing for group discussions. MAYS (*South Parlor, Second Floor, W.B.*)

HOME ECON.—Homemaking and your university. WOODRUFF (210 *W.B.*)

Tuesday—2:00 p.m.

AGR. ECON. & DAIRY.—Store sales as related to per capita consumption of milk.* BARTLETT. Round table discussion (103 *New Agr.*)

AGR. ECON. & HORT.—Marketing vegetables thru roadside stands. LLOYD (123 *New Agr.*)

AGR. ECON.—Livestock marketing problems of today.* ASHBY. Round table discussion (215 *Com.*)

Adjusting leases to price changes and production adjustments. MOSHER (127 *New Agr.*)

AGR. ENGIN.—Mower troubles and adjustments. SHAWL (201 *Agr. Eng.*)

AGRON.—Agronomic adjustments in Illinois. BURLISON (600 *Old Agr.*)

ANIM. HUSB.—The importance of pastures in the economical maintenance of beef breeding herds. RUSK (330 *New Agr.*)

Egg candling and grading demonstration.* ALP (331 *New Agr.*)

BEEKEEPING.—Removal and care of the honey crop with extracting demonstration. MILUM (104 *Vivarium*)

DAIRY.—Figuring low-cost rations for milk production. NEVENS (128 *New Agr.*)

Preparation of cultured and flavored milk drinks; manufacture of honey-cream.* TRACY (*Dairy Manfr.*)

HORT.—Newer sulfur fungicides for disease control on apples. ANDERSON (211 *New Agr.*)

RURAL ORGAN.—What responsibility cooperation with the federal program for relief entails on the part of the local community.* HILLER (214 *New Agr.*)

HOME ECON.—Smartly fitted garments. EADES AND WHITLOCK (210 *W.B.*)

Tuesday—3:00 p.m.

General Session—Auditorium

R. R. HUDELSON, *presiding*

The experience of France with inflation. Dr. MAX J. WASSERMAN, University of Illinois Assistant Professor of Economics (Preceded by vocal solos, BRUCE R. FOOTE, *baritone*)

Tuesday—5:15 p.m.

Stockman's Banquet—Newman Hall

The horse and mule supply. WAYNE DINSMORE

Tuesday—7:30 p.m.

General Session—Auditorium

R. E. HIERONYMUS, *presiding*

An hour in a sculptor's studio. Lecture and demonstration. LORADO TAFT, Nonresident Professor of Art of the University of Illinois.

WEDNESDAY

Wednesday—8:00 a.m.

RURAL ORGAN.—Meeting the problem of deficient leadership. GRIFFITH (*103 New Agr.*)

Wednesday—9:00 a.m.

AGR. ECON.—Farm debt conciliation and refinancing. CASE (*Auditorium*)

Cost of producing corn, wheat, and other crops. ROSS (*127 New Agr.*)

AGR. ENGIN.—Temporary farm buildings. LEHMANN (*201 Agr. Engin.*)

AGRON.—Choosing a legume for the contracted acres.* LINSLEY (*600 Old Agr.*)

ANIM. HUSB.—Homemade beef and lamb.* BULL (*Meat Lab., Old Agr.*)

Making the most of home-grown feeds in fattening cattle for market. SNAPP (*330 New Agr.*)

Corn-belt feeds for corn-belt hens, SLOAN (*316 New Agr.*)

BEEKEEPING—Why, how, when, and with what shall we requeen? MILUM (*104 Vivarium*)

DAIRY—Inexpensive steps in producing milk and cream of high quality.* PRUCHA (*Stock Pavilion*)

Cheddar cheese making.* TUCKEY (*Dairy Manfr.*)

HORT.—Forming the framework of the apple tree. KELLEY (*211 New Agr.*)

The farmer's lily pool. DORNER (*123 New Agr.*)

RURAL ORGAN.—The relation of rural recreation to the church program.* ROHRBOUGH (*214 New Agr.*)

ART EXTEN.—Contribution of home economics to art extension. BEVIER. The charm of glass.* WEAVER. (*South Parlor, Second Floor, W.B.*)

Wednesday—10:00 a.m.

AGR. ECON.—What is happening to farm mortgage indebtedness in Illinois? HOPKINS. (*Auditorium*)

AGR. ENGIN.—Repair and maintenance of farm buildings. FOSTER (*201 Agr. Engin.*)

AGRON.—Choosing a legume for the contracted acres.* LINSLEY (*600 Old Agr.*)

ANIM. HUSB.—Homemade beef and lamb.* BULL (*Meat Lab., Old Agr.*)

Managing laying flocks that are kept indoors. PHILIPS (*316 New Agr.*)

Can hogs be used to reduce the oats surplus on Illinois farms? CARROLL (*330 New Agr.*)

BEEKEEPING—Fall and winter management of bees. DADANT (*104 Vivarium*)

DAIRY—Inexpensive steps in producing milk and cream of high quality.* PRUCHA (*Stock Pavilion*)

Cheddar cheese making.* TUCKEY (*Dairy Manfr.*)

HORT.—The effect of pruning upon apple trees coming into bearing. KELLEY (*211 New Agr.*)

How a vegetable plant doctor works. KADOW (*123 New Agr.*)

RURAL ORGAN.—The relation of rural recreation to the church program.* ROHRBOUGH (*214 New Agr.*)

ILLINOIS JERSEY CATTLE CLUB—Annual meeting. (*205 Old Agr.*)

ART EXTEN.—The charm of glass.* WEAVER. Color and design in home furnishings. HITCHCOCK (*South Parlor, Second Floor, W.B.*)

Wednesday—11:00 a.m.

General Session—Auditorium

DEAN H. W. MUMFORD, *presiding*

The Farm Credit Administration and Illinois Agriculture. WOOD NETHERLAND, General Agent, Farm Credit Administration, St. Louis (Preceded by group singing led by E. I. Pilchard)

Wednesday—1:00 p.m.

AGR. ECON.—How to improve the demand for apples. LLOYD (*326 New Agr.*)

Production credit problems and procedures. NORTON. Potential use of cooperative banks by Illinois associations.* COSGROVE, chairman, round table. MARCHANT, JAMES, FAHRNKOPF (*Auditorium*)

AGR. ENGIN.—Plumbing and sewage disposal. LEHMANN (*201 Agr. Engin.*)

AGRON.—Problems of reduced and contracted acres. HACKLEMAN (*600 Old Agr.*)

ANIM. HUSB.—The utilization of pasture crops in growing and fattening beef cattle. RUSK (*330 New Agr.*)

Controlling poultry lice and mites. FLINT (*316 New Agr.*)

BEEKEEPING—Production of comb, bulk comb, and cut comb honey. FARRAR (*104 Vivarium*)

DAIRY—Dairy codes and their influence in raising farm dairy prices. BARTLETT (*128 New Agr.*)

Cheddar cheese making.* TUCKEY (*Dairy Manfr.*)

HORT.—Controlling codling moth at the lowest cost. FLINT (*211 New Agr.*)

RURAL ORGAN. & ART EXTEN.—New conceptions of landscape planning. LOHMANN (*103 New Agr.*)

JR. CLUB WORK—Conducting group discussions. MAYS (*South Parlor, Second Floor, W.B.*)

FORESTRY—Tree crops for contracted acreage.* SAWYER
(307 *New Agr.*)

Wednesday—2:00 p.m.

AGR. ECON.—Potential use of cooperative banks by Illinois associations.* COSGROVE, chairman, round table. MARCHANT, JAMES, FAHRNKOPF (*Auditorium*)

Cost of producing livestock products. WILCOX (127 *New Agr.*)

AGR. ENGIN.—Lighting and heating for the home. FOSTER
(201 *Agr. Engin.*)

AGRON.—Stopping disastrous soil erosion. UHLAND (600
Old Agr.)

ANIM. HUSB.—Methods of managing and feeding home-bred calves. SNAPP (330 *New Agr.*)

Recent findings in poultry research. CARD (316 *New Agr.*)

BEEKEEPING—Swarm control in extracted honey production. DADANT (104 *Vivarium*)

DAIRY—Utilizing home-grown feeds for milk production. NEVENS (128 *New Agr.*)

Cheddar cheese making.* TUCKEY (*Dairy Manfr.*)

HORT.—Effect of oil spray on apple foliage. FARRAR (211
New Agr.)

When to plant vegetable crops for profit. MCCOLLUM
(123 *New Agr.*)

RURAL ORGAN. & ART EXT.—Landscape architecture and outdoor recreation. SCHAFER (103 *New Agr.*)

FORESTRY—Tree crops for contracted acreage.* SAWYER
(307 *New Agr.*)

Wednesday—3:00 p.m.

General Session—Auditorium

RUTH A. WARDALL, *presiding*

Buying standards for consumers. RUTH O'BRIEN, Chief, Division of Textiles and Clothing, Bureau of Home Economics, U. S. Department of Agriculture, Washington, D.C. (Preceded by cello selections, Mrs. MARGARET SULLIVAN)

Wednesday—4:00 p.m.

ILLINOIS CROP IMPROVEMENT ASSOCIATION—Annual meeting. (205 *Old Agr.*)

ART. EXTEN.—Concert. University of Illinois Orchestra, F. B. STIVEN, Director (*Smith Memorial Hall*)

Wednesday—5:30 p.m.

ILLINOIS CROP IMPROVEMENT ASSOCIATION BANQUET. (*Hanley's*)

Wednesday—7:30 p.m.

General Session—Men's New Gymnasium

R. R. HUDELSON, *presiding*

Winter Festival—Directed by LYNN T. ROHRBOUGH, Director Church Recreation League of Ohio

THURSDAY

Thursday—8:00 a.m.

- RURAL ORGAN.—The relation of the leader to the activity.
GRIFFITH
- MUSIC AND DRAMA—Rehearsal for winning play groups.
(*Auditorium*)

Thursday—9:00 a.m.

- AGR. ECON.—Productive value of Illinois farm land based on records of earnings. CASE (*Auditorium*)
- Horse, tractor, and truck costs. WILLS (127 *New Agr.*)
- AGR. ENGIN.—Kind of weeds, legal status, their characteristics and location by areas. WILSON (201 *Agr. Engin.*)
- AGRON.—Using legumes efficiently on contracted acres. SEARS (600 *Old Agr.*)
- ANIM. HUSB.—Homemade pork.* BULL (*Meat Lab., Old Agr.*)
- Feeding western lambs. KAMMLADE (330 *New Agr.*)
- The cost of producing eggs and pullets in 1933. WRIGHT (316 *New Agr.*)
- BEEKEEPING—Beeswax—what shall we do with it? DADANT.
- The value of beekeeping organizations. PETERSON (104 *Vivarium*)
- DAIRY—The place of the pedigree in dairy cattle selection. RHODE (128 *New Agr.*)
- Buttermaking.* RUEHE (*Dairy Manfr.*)
- HORT.—Fruit bud formation on the apple, pollen, pollination, fruit setting, sterile varieties and thinning.* DORSEY and McMUNN (211 *New Agr.*)
- Some of the more popular garden flowers. HALL (123 *New Agr.*)
- ART EXTEN.—Gardens of yesterday and today. PETERSON
- Modern garden design.* WHITE (103 *New Agr.*)
- MUSIC AND DRAMA—Annual meeting of the state representatives.* PRATHER (214 *New Agr.*)

Thursday—10:00 a.m.

- AGR. ECON.—Normal value as an objective in land appraisal. HAY (*Auditorium*)
- AGR. ENGIN.—Seed cleaning and seed cleaning machinery. LEHMANN and others (201 *Agr. Engin.*)
- AGRON.—Starting legumes on contracted acres. DUNGAN (600 *Old Agr.*)
- ANIM. HUSB.—Homemade pork.* BULL (*Meat Lab., Old Agr.*)
- Why some poultry flocks don't pay. HALPIN (316 *New Agr.*)
- A pasture system that markets spring pigs in July. CARROLL (330 *New Agr.*)
- BEEKEEPING—How shall we market our honey crop? DUAX (104 *Vivarium*)
- DAIRY—The value of bull indexes in sire testing. YAPP (128 *New Agr.*)
- Buttermaking.* RUEHE (*Dairy Manfr.*)

HORT.—Fruit bud formation on the apple, pollen, pollination, fruit setting, sterile varieties and thinning.* DORSEY and McMUNN (211 *New Agr.*)

The value of irrigation for vegetables. SOMERS (123 *New Agr.*)

ILLINOIS GUERNSEY BREEDERS ASSOCIATION—Annual meeting (205 *Old Agr.*)

ART. EXTEN.—Modern garden design.* WHITE. Planting design in relation to structure. ROBINSON (103 *New Agr.*)

MUSIC & DRAMA—Annual meeting of the state representatives.* PRATHER (214 *New Agr.*)

Thursday—11:00 a.m.

General Session—Auditorium

W. L. BURLISON, *presiding*

European trade barriers in relation to Illinois agriculture. Dr. C. L. STEWART, Chief, Land Economics, College of Agriculture, University of Illinois (Preceded by selections, University String Trio, Mr. COHEN, Mrs. SULLIVAN, Miss WATT)

Thursday—1:00 p.m.

AGR. ECON. & AN. HUSB.—How current economic conditions affect the poultry outlook for 1934. JOHNSTON (316 *New Agr.*)

AGR. ECON.—Relative importance placed upon soil, buildings, location, and other factors by western European appraisers. STEWART. Relative importance placed upon soil, buildings, location, and other factors by American appraisers. MORSE (103 *New Agr.*)

AGR. ENGIN.—Weed control by mechanical methods.* HAY and others (201 *Agr. Engin.*)

AGRON.—Starting pastures on contracted acres. PIEPER (600 *Old Agr.*)

ANIM. HUSB.—Maintaining the health of the breeding herd. BARGER (*Anim. Path.*)

BEEKEEPING—The nature of brood diseases of bees and their identification. MILUM (104 *Vivarium*)

DAIRY—Benefits to the herd owner in freeing his herd from infectious abortion and mastitis. GRAHAM (*Anim. Path.*)

Buttermaking.* RUEHE (*Dairy Manfr.*)

HORT.—Stationary spray plant outlays.* REED (211 *New Agr.*)

Bring in your vegetable garden problems. Members of staff (123 *New Agr.*)

RURAL ORGAN.—Methods of handling rural recreation in the church program to meet community needs.* ROHRBOUGH (214 *New Agr.*)

JR. CLUB WORK—Self-development for leadership. MAYS (*South Parlor, Second Floor, W. B.*)

FORESTRY—Controlling erosion with trees.* SAWYER

ART. EXTEN.—Illinois pioneer architecture. REED (120 *Arch.*)

MUSIC & DRAMA—Annual state rural music tournament.* (*Auditorium*)

Thursday—2:00 p.m.

- AGR. ECON.—Life insurance companies and the farm mortgage field. WESTBROOK. Round table discussion (*103 New Agr.*)
- Effect of A.A.A. program on labor, power, and machinery costs. JOHNSTON (*127 New Agr.*)
- AGR. ENGIN.—Weed control by mechanical methods.* HAY and others (*201 Agr. Engin.*)
- AGRON.—Controlling weeds on contracted acres. HACKLEMAN. Effect of reduced acres of corn on insect damage. BIGGER (*600 Old Agr.*)
- ANIM. HUSB.—My method of feeding cattle. CLARK, BRUDER, and GRIFFITH (*330 New Agr.*)
- Changing practices in poultry husbandry. HALPIN (*316 New Agr.*)
- BEEKEEPING—Apiary inspection and treatment of brood diseases of bees. DUAX (*104 Vivarium*)
- DAIRY—Current problems in feeding dairy cattle. NEVENS (*Anim. Path.*)
- Buttermaking.* RUEHE (*Dairy Manfr.*)
- HORT.—Stationary spray plant outlays.* REED (*211 New Agr.*)
- RURAL ORGAN.—Methods of handling rural recreation in the church program.* ROHRBOUGH (*214 New Agr.*)
- FORESTRY—Controlling erosion with trees.* SAWYER (*307 New Agr.*)
- ART EXTEN.—The architecture of old Kentucky. NEWCOMB (*120 Arch.*)
- MUSIC & DRAMA—Annual state rural music tournament.* (*Auditorium*)

Thursday—3:00 p.m.

General Session—Auditorium

J. C. BLAIR, *presiding*

- The outlook for farming from the farm boy's standpoint. LIBERTY HYDE BAILEY, author and horticulturist. (Preceded by vocal solos, LEROY HAMP, tenor)

Thursday—4:00 p.m.

- AGR. ENGIN.—Demonstration of seed cleaning machinery.* (*201 Agr. Engin.*)
- MUSIC & DRAMA—Rehearsals of music groups for participation in the annual rural music festival. (*Smith Memorial Hall*)
- Rehearsal for play groups. (*Auditorium*)

Thursday—6:00 p.m.

- Annual dinner of participants in the 1933-34 Music and Drama Tournament (*Cafeteria, Woman's Building*)

Thursday—7:30 p.m.

General Session—Auditorium

D. E. LINDSTROM, *presiding*

State music and drama tournament

- An admission fee of 25 cents will be charged for the tournament. The proceeds will be used to help pay the expenses of the participating groups.

FRIDAY

Friday—8:00 a.m.

RURAL ORGAN.—Measuring the results of leadership.
GRIFFITH (*103 New Agr.*)

Friday—9:00 a.m.

AGR. ECON.—Effect of A.A.A. program on rotations and livestock production on individual farms. JOHNSTON (*127 New Agr.*)

AGR. ENGIN.—Demonstration of seed cleaning machinery.* (*201 Agr. Engin.*)

AGRON.—1934 may be our worst chinch bug year. FLINT (*600 Old Agr.*)

ANIM. HUSB.—Respiratory diseases in feeding cattle. THORP (*330 New Agr.*)

Poultry clinic.* TORREY (*Anim. Path.*)

DAIRY—Systems of breeding which have proved successful.* YAPP (*Stock Pavilion*)

Cream whipping. RAMSEY (*Dairy Manfr.*)

HORT.—Cutting costs in apple production.* DORSEY, MARSH, and McMUNN (*211 New Agr.*)

Some of the better flowering shrubs and vines. DORNER (*123 New Agr.*)

HOME ECON.—New facts about milk. outhouse (*210 W.B.*).

Friday—10:00 a.m.

AGR. ENGIN.—Demonstration of seed cleaning machinery.* (*201 Agr. Engin.*)

AGRON.—The outlook for insects in 1934. FLINT. Reducing the crop disease tax for 1934. KOEHLER (*600 Old Agr.*)

ANIM. HUSB.—Poultry clinic.* TORREY (*Anim. Path.*)

Would it be profitable for you to change the type of hogs you raise? CARROLL (*Stock Pavilion*)

DAIRY—Systems of breeding which have proved successful.* YAPP (*Stock Pavilion*)

Making of ice cream and fancy ice cream demonstration. TRACY (*Dairy Manfr.*)

HORT.—Cutting costs in apple production.* DORSEY, MARSH, and McMUNN (*211 New Agr.*)

HOME ECON.—Taking time to save time. WARD (*210 W.B.*)

Friday—11:00 a.m.

General Session—Auditorium

H. P. RUSK, *presiding*

Progress in the corn-hog campaign. CLAUDE R. WICKARD, Assistant Chief, Corn-Hog Section, A.A.A. (Preceded by selections by the Agricultural Quartet)

Program by Courses

AGRICULTURAL ECONOMICS

Agricultural Marketing (103 *New Agriculture*)

Monday

- 1:00- 1:50 Relation of recent economic changes to marketing problems. R. W. BARTLETT

Tuesday

- 1:00- 2:50 Store sales as related to per capita consumption of milk. R. W. BARTLETT. Round table discussion
- 1:00- 2:50 Livestock marketing problems of today. R. C. ASHBY. Round table discussion (215 *Commerce*)
- 2:00- 2:50 Marketing vegetables thru roadside stands. J. W. LLOYD (123 *New Agriculture*)

Wednesday

- 1:00- 1:50 How to improve the demand for apples. J. W. LLOYD (326 *New Agriculture*)

Thursday

- 1:00- 1:50 How current economic conditions affect the poultry outlook for 1934. P. E. JOHNSTON (316 *New Agriculture*)

Farm Credit Problems (Auditorium)

Wednesday

L. J. NORTON, *presiding*

- 9:00- 9:50 Farm debt conciliation and refinancing. H. C. M. CASE
- 10:00-10:50 What is happening to farm mortgage indebtedness in Illinois? C. E. HOPKINS, Director, Farm Credit Administration. St. Louis, Missouri
- 1:00- 2:50 Production credit problems and procedures. L. J. NORTON
- Potential use of cooperative banks by Illinois associations. Round table chairman, J. R. COSGROVE, Acting President of the St. Louis Bank for Cooperatives, St. Louis, Missouri. Discussions by L. R. MARCHANT, Illinois Farm Supply Company, Chicago; C. H. JAMES, Southern Illinois Seed Growers Exchange, Flora; HARRISON FAHRNKOPF, Illinois Grain Corporation, Chicago

Farm Land Economic Problems

(Auditorium)

Thursday

W. W. McLAUGHLIN, Director of State Department of Agriculture, *presiding*

- 9:00- 9:50 Productive value of Illinois farm land based on records of earnings. H. C. M. CASE
- 10:00-10:50 Normal value as an objective in land appraisal. C. E. HAY, Supervising Appraiser for Northern Illinois, Federal Land Bank of St. Louis

D. H. DOANE, *presiding*

- 1:00- 1:50 Relative importance placed upon soil, buildings, location, and other factors by western European appraisers. C. L. STEWART
- Relative importance placed upon soil, buildings, location and other factors by American appraisers. T. D. MORSE, Doane Agricultural Service, St. Louis (*103 New Agr.*)
- 2:00- 2:50 Life insurance companies and the farm mortgage field. S. F. WESTBROOK, Aetna Life Insurance Company, Hartford, Connecticut. Round table discussion (*103 New Agr.*)

Farm Management Problems in the Light of the A.A.A. Program

(*127 New Agriculture*)

Monday

- 2:00- 2:50 Why some farms pay better than others. M. L. MOSHER

Tuesday

- 9:00- 9:50 Rental contracts with tenants having little capital. R. R. HUDELSON
- 2:00- 2:50 Adjusting leases to price changes and production adjustments. M. L. MOSHER

Wednesday

- 9:00- 9:50 Cost of producing corn, wheat, and other crops. R. C. ROSS
- 2:00- 2:50 Cost of producing livestock products. R. H. WILCOX

Thursday

- 9:00- 9:50 Horse, tractor, and truck costs. J. E. WILLS
- 2:00- 2:50 Effect of A.A.A. program on labor, power, and machinery costs. P. E. JOHNSTON

Friday

- 9:00- 9:50 Effect of A.A.A. program on rotations and livestock production on individual farms. P. E. JOHNSTON

AGRICULTURAL ENGINEERING

Machinery Maintenance and Adjustment

(201 Agricultural Engineering)

Monday

1:00- 2:50 Recent development in tractor wheel equipment. R. I. SHAWL

Tuesday

9:00- 9:50 Plow adjustment and repair. A. L. YOUNG

10:00-10:50 Plow attachments and equipment for trash coverage. THAYER CLEAVER, Junior Agricultural Engineer, U.S.D.A., Urbana

1:00- 1:50 Binder troubles and adjustments. R. I. SHAWL

2:00- 2:50 Mower troubles and adjustments. R. I. SHAWL

Building and Equipment Maintenance

(201 Agricultural Engineering)

Wednesday

9:00- 9:50 Temporary farm buildings. E. W. LEHMANN

10:00-10:50 Repair and maintenance of farm buildings.
W. A. FOSTER

1:00- 1:50 Plumbing and sewage disposal. E. W. LEH-
MANN

2:00- 2:50 Lighting and heating for the home. W. A.
FOSTER

Weed Control and Seed Cleaning Machinery

(201 Agricultural Engineering)

Thursday

9:00- 9:50 Kind of weeds, legal status, their characteristics and location by areas. A. C. WILSON, Chief Seed Analyst, State Department of Agriculture, Springfield

10:00-10:50 Seed cleaning and seed cleaning machinery.
E. W. LEHMANN and others

1:00- 2:50 Weed control by mechanical methods. R. C.
HAY and others

4:00- 6:00 Demonstration of seed cleaning machinery

Friday

9:00-10:50 Demonstration of seed cleaning machinery
(continued)

AGRONOMY

Some Factors Affecting Agricultural Adjustment

(600 Old Agr.)

Tuesday

- 9:00- 9:50 The land areas of Illinois. R. S. SMITH
10:00-10:50 The significance of soil types. E. A. NORTON
1:00- 1:50 Productivity levels of Illinois soils. F. C. BAUER
2:00- 2:50 Agronomic adjustments in Illinois. W. L. BURLISON

Making the Best Use of the Contracted Acres

(600 Old Agr.)

Wednesday

- 9:00-10:50 Choosing a legume for the contracted acres. C. M. LINSLEY
1:00- 1:50 Problems of reduced and contracted acres. J. C. HACKLEMAN
2:00- 2:50 Stopping disastrous soil erosion. R. E. UHLAND, Regional Director, Soil Erosion Service, Bethany, Missouri

Thursday

- 9:00- 9:50 Using legumes efficiently on contracted acres. O. H. SEARS
10:00-10:50 Starting legumes on contracted acres. G. H. DUNGAN
1:00- 1:50 Starting pastures on contracted acres. J. J. PIEPER
2:00- 2:50 Controlling weeds on contracted acres. J. C. HACKLEMAN
Effect of reduced acres of corn on insect damage. J. H. BIGGER

Insect and Disease Problems for 1934

(600 Old Agr.)

Friday

- 9:00- 9:50 1934 may be our worst chinch bug year. W. P. FLINT
10:00-10:50 The outlook for insects in 1934. W. P. FLINT
Reducing the crop disease tax for 1934. BEN-JAMIN KOEHLER

ANIMAL HUSBANDRY

Beef Cattle Feeding

(330 New Agriculture)

Monday

2:00- 2:50 Practices and methods of successful raisers of beef calves in Illinois. E. T. ROBBINS

Tuesday

2:00- 2:50 The importance of pastures in the economical maintenance of beef breeding herds. H. P. RUSK

Wednesday

2:00- 2:50 Methods of managing and feeding home-bred calves. R. R. SNAPP

Thursday

2:00- 2:50 My method of feeding cattle. LOREN CLARK, ELMER BRUDER, BURDETTE GRIFFITH

Farm Butchering, Cutting and Curing of Meat

(Meat Laboratory, Old Agriculture)

Wednesday

9:00-10:50 Homemade beef and lamb. SLEETER BULL

Thursday

9:00-10:50 Homemade pork. SLEETER BULL

Livestock Management

(330 New Agriculture)

Monday

1:00- 1:50 Livestock outlook. H. P. RUSK

Tuesday

9:00- 9:50 A square deal for the farm horse. J. L. EDMONDS

1:00-1:50 The development of young stallions. GEORGE POTTS

Wednesday

9:00- 9:50 Making the most of home-grown feeds in fattening cattle for market. R. R. SNAPP

1:00- 1:50 The utilization of pasture crops in growing and fattening beef cattle. H. P. RUSK

Thursday

9:00- 9:50 Feeding western lambs. W. G. KAMMLADE

1:00- 1:50 Maintaining the health of the breeding herd.
E. H. BARGER (*Animal Pathology*)

Friday

9:00- 9:50 Respiratory diseases in feeding cattle. FRANK
THORP, JR.

Poultry Management

(316 New Agriculture)

Monday

1:00- 2:50 Demonstration in judging fowls for produc-
tion. H. J. SLOAN (*Stock Pavilion*)

Tuesday

9:00- 9:50 Meeting the mortality problem. L. E. CARD

10:00-10:50 Some current poultry problems as observed in
Illinois. H. H. ALP

1:00- 2:50 Egg candling and grading demonstration. H.
H. ALP (*331 New Agriculture*)

Wednesday

9:00- 9:50 Corn-belt feeds for corn-belt hens. H. J.
SLOAN

10:00-10:50 Managing laying flocks that are kept indoors.
A. G. PHILIPS, Allied Mills, Inc., Chicago

1:00- 1:50 Controlling poultry lice and mites. W. P.
FLINT

2:00- 2:50 Recent findings in poultry research. L. E.
CARD

Thursday

9:00- 9:50 The cost of producing eggs and pullets in
1933. L. WRIGHT

10:00-10:50 Why some poultry flocks don't pay. J. G.
HALPIN, Professor of Poultry Husbandry,
University of Wisconsin, Madison, Wiscon-
sin

1:00- 1:50 How present economic conditions affect the
poultry outlook for 1934. P. E. JOHNSTON

2:00- 2:50 Changing practices in poultry husbandry. J.
G. HALPIN

Friday

9:00-10:50 Poultry clinic. J. P. TORREY (*Animal Path-
ology*)

Swine Feeding and Management

(330 New Agriculture)

Tuesday

10:00-10:50 What the federal corn-hog production control
program means to Illinois swine growers.
W. E. CARROLL

Wednesday

10:00-10:50 Can hogs be used to reduce the oats surplus
on Illinois farms? W. E. CARROLL

Thursday

10:00-10:50 A pasture system that markets spring pigs in July. W. E. CARROLL

Friday

10:00-10:50 Would it be profitable for you to change the type of hogs you raise? Judging demonstration. W. E. CARROLL (*Stock Pavilion*)

Beekeeping

(104 Vivarium)

Tuesday

9:00- 9:50 The way the bee works. V. G. MILUM

10:00-10:50 Types of bee equipment. V. G. MILUM

1:00- 1:50 Bee life is short; facts worth knowing. V. G. MILUM

2:00- 2:50 Removal and care of the honey crop with extracting demonstrations. V. G. MILUM

Wednesday

9:00- 9:50 Why, how, when, and with what shall we requeen? V. G. MILUM

10:00-10:50 Fall and winter management of bees. M. G. DADANT, American Bee Journal, Hamilton, Illinois

1:00- 1:50 Production of comb, bulk comb, and cut comb honey. M. D. FARRAR

2:00- 2:50 Swarm control in extracted honey production. M. G. DADANT

Thursday

9:00- 9:50 Beeswax—what shall we do with it? M. G. DADANT

The value of beekeeping organizations. E. F. PETERSON, Secretary, Illinois State Beekeepers Association, Kewanee

10:00-10:50 How shall we market our honey crop? C. L. DUAX, Chief Inspector of Apiaries, State Department of Agriculture, Chicago

1:00- 1:50 The nature of brood diseases of bees and their identification. V. G. MILUM

2:00- 2:50 Apiary inspection and treatment of brood diseases of bees. C. L. DUAX

DAIRY HUSBANDRY

Current Dairy Problems

(128 New Agriculture)

Monday

1:00- 1:50 Plans for controlling amount of milk produced thru reduction in number of cows. C. S. RHODE

Tuesday

- 1:00- 1:50 Store sales as related to per capita consumption of milk. R. W. BARTLETT (*103 New Agriculture*)

Wednesday

- 1:00- 1:50 Dairy codes and their influence in raising farm dairy prices. R. W. BARTLETT

Thursday

- 1:00- 1:50 Benefits to the herd owner in freeing his herd from infectious abortion and mastitis. ROBERT GRAHAM (*Animal Pathology*)

Dairy Cattle Breeding and Management

(*128 New Agriculture*)

Tuesday

- 9:00- 9:50 The place of purebred cattle in dairy farming. W. W. YAPP
10:00-10:50 Fundamental principles in dairy cattle breeding. A. F. KUHLMAN

Wednesday

- 9:00-10:50 Demonstration: Inexpensive steps in producing milk and cream of high quality. M. J. PRUCHA (*Stock Pavilion*)

Thursday

- 9:00- 9:50 The place of the pedigree in dairy cattle selection. C. S. RHODE
10:00-10:50 The value of bull indexes in sire testing. W. W. YAPP

Friday

- 9:00-10:50 Demonstration: Systems of breeding which have proved successful. W. W. YAPP (*Stock Pavilion*)

Dairy Cattle Feeding

(*128 New Agriculture*)

Monday

- 2:00- 2:50 Shall we feed for high or for moderate production per cow. W. B. NEVENS

Tuesday

- 2:00- 2:50 Figuring low-cost rations for milk production. W. B. NEVENS

Wednesday

- 2:00- 2:50 Utilizing home-grown feeds for milk production. W. B. NEVENS

Thursday

- 2:00- 2:50 Current problems in feeding dairy cattle: feeding mineral supplements; grinding feeds; making good quality silage; new feeds; etc. W. B. NEVENS (*Animal Pathology*)

Dairy Products

(*Dairy Manufactures*)

Monday

1:00- 1:50 Problems in the direct marketing of dairy products. H. A. RUEHE

2:00- 2:50 Some common flavor defects in milk. P. H. TRACY

Tuesday

9:00-10:50 Manufacture of cottage and cream cheese: lecture and demonstration. S. L. TUCKEY

1:00-2:50 Preparation of cultured and flavored milk drinks; manufacture of honey-cream. Lecture and demonstration. P. H. TRACY

Wednesday

9:00-10:50 Cheddar cheese making. Lecture and demonstration. S. L. TUCKEY

1:00- 2:50 Cheddar cheese making (continued). S. L. TUCKEY

Thursday

9:00-10:50 Buttermaking. Lecture and demonstration. H. A. RUEHE

1:00- 2:50 Buttermaking (continued). H. A. RUEHE

Friday

9:00- 9:50 Cream whipping. R. J. RAMSEY

10:00-10:50 Making of ice cream and fancy ice cream demonstration. P. H. TRACY

HORTICULTURE

Apple Production

(*211 New Agriculture*)

Monday

1:00- 1:50 Roots, root distribution, soil moisture, and fertilizers in the apple orchard. M. J. DORSEY

2:00- 2:50 Cover crops in relation to growth maintenance in the apple orchard. R. L. McMUNN

Tuesday

9:00- 9:50 Apple washing machinery. K. J. KADOW

10:00-10:50 Experiments in removal of spray residue on apples. W. A. RUTH

1:00- 1:50 Apple scab. H. W. ANDERSON

2:00- 2:50 Newer sulfur fungicides for disease control on apples. H. W. ANDERSON

Wednesday

9:00- 9:50 Forming the framework of the apple tree. V. W. KELLEY

- 10:00-10:50 The effect of pruning upon apple trees coming into bearing. V. W. KELLEY
- 1:00- 1:50 Controlling codling moth at the lowest cost. W. P. FLINT
- 2:00- 2:50 Effect of oil spray on apple foliage. M. D. FARRAR

Thursday

- 9:00-10:50 Fruit bud formation on the apple, pollen, pollination, fruit setting, sterile varieties and thinning. M. J. DORSEY and R. L. McMUNN
- 1:00-2:50 Stationary spray plant outlays. R. H. REED

Friday

- 9:00-10:50 Cutting costs in apple production. M. J. DORSEY, R. S. MARSH, and R. L. McMUNN

Flowers for the Farm Home

(123 New Agriculture)

Tuesday

- 9:00- 9:50 The window garden. JAMES HUTCHINSON

Wednesday

- 9:00- 9:50 The farmer's lily pool. H. B. DORNER

Thursday

- 9:00- 9:50 Some of the more popular garden flowers. S. W. HALL

Friday

- 9:00- 9:50 Some of the better flowering shrubs and vines. H. B. DORNER

The Home Vegetable Garden

(123 New Agriculture)

Monday

- 2:00- 2:50 Problems in tomato growing. B. L. WEAVER

Tuesday

- 10:00-10:50 Small scale commercial canning. W. A. HUELSEN
- 2:00- 2:50 Marketing vegetables thru roadside stands. J. W. LLOYD

Wednesday

- 10:00-10:50 How a vegetable plant doctor works. K. J. KADOW
- 2:00- 2:50 When to plant vegetable crops for profit. J. P. McCOLLUM

Thursday

- 10:00-10:50 The value of irrigation for vegetables. L. A. SOMERS
- 1:00- 1:50 Bring in your vegetable garden problems. Members of staff

RURAL ORGANIZATION, JUNIOR CLUB WORK AND FORESTRY

Administration of Rural Relief (214 New Agriculture)

Monday

1:00- 2:50 Methods for reducing the relief load of the local community. E. T. HILLER

Tuesday

1:00- 2:50 What responsibility cooperation with the federal program for relief entails on the part of the local community. E. T. HILLER

Building a Constructive Rural Church Program (214 New Agriculture)

Wednesday

9:00-10:50 The relation of rural recreation to the church program. LYNN T. ROHRBOUGH, Church Recreation Service of Ohio, Delaware, Ohio

1:00- 1:50 New conceptions of landscape planning. K. B. LOHMANN (*103 New Agriculture*)

2:00- 2:50 Landscape architecture and outdoor recreation. O. G. SCHAFER (*103 New Agriculture*)

Thursday

1:00- 2:50 Methods of handling rural recreation in the church program to meet community needs. LYNN T. ROHRBOUGH

Problems Confronting Community Leaders (103 New Agriculture)

Tuesday

8:00- 8:50 Factors favoring the development of rural leadership. C. R. GRIFFITH

Wednesday

8:00- 8:50 Meeting the problem of deficient leadership. C. R. GRIFFITH

Thursday

8:00- 8:50 The relation of the leader to the activity. C. R. GRIFFITH

Friday

8:00- 8:50 Measuring the results of leadership. C. R. GRIFFITH

Working With Young People

(South Parlor, Second Floor, Woman's Building)

Monday

1:00- 1:50 Teaching function of the club leader. A. B. MAYS

Tuesday

1:00- 1:50 Preparing for group discussions. A. B. MAYS

Wednesday

1:00- 1:50 Conducting group discussions. A. B. MAYS

Thursday

1:00- 1:50 Self-development for leadership. A. B. MAYS

Farm Forestry

(307 New Agriculture)

Wednesday

1:00- 2:50 Tree crops for contracted acreage. L. E. SAWYER

Thursday

1:00- 2:50 Controlling erosion with trees. L. E. SAWYER

HOME ECONOMICS

Helps for Homemakers

(210 Woman's Building)

Monday

1:00- 1:50 The charm of glass. VIRGINIA H. WEAVER
2:00- 2:50 Feeding the sick in the home. HARRIET T. BARTO

Tuesday

9:00- 9:50 An hour of music for children. RALPH M. HOLMES *(South Parlor, Second Floor, Woman's Building)*
10:00-10:50 Cutlery with an edge. Mrs. JEAN M. DORSEY, Urbana
1:00- 1:50 Homemaking and your university. SYBIL WOODRUFF
2:00- 2:50 Smartly fitted garments. HELEN EADES and MARY C. WHITLOCK

Friday

9:00- 9:50 New facts about milk. JULIA OUTHOUSE
10:00-10:50 Taking time to save time. GLADYS J. WARD

Homemakers Conference

(*Lincoln Hall Theatre*)

Tuesday

- 9:00-10:50 Conference of home bureau officers
Organization, are we building for the future?
Coles.....Mrs. ARLA CUPPY
Macoupin.....Mrs. W. A. WELLER
Mason.....Mrs. J. W. McHARRY
McHenry.....Mrs. DAN DESMOND
Vermilion.....Mrs. EDNA JENKINS
Woodford.....Mrs. P. F. STREID
The homemaker's responsibility toward legis-
lation. MRS. HOMER JOHNSON, McLean
County
- 1:30 p.m. Business session, Illinois Federation of Home
Bureaus. MRS. ELSIE MIES, President

Wednesday

- 9:00-10:50 Group singing led by MRS. ANNETTA RICH,
McDonough County
Roll call by counties
Some organizers of other days. DR. LOUISE
DUNBAR
Brief reports of outstanding county activities
- 1:30- 2:50 Section round tables
Child development. EDNA E. WALLS (*106
Lincoln Hall*)
Health. FANNIE M. BROOKS (*Lincoln Hall
Theatre*)
Home management. GLADYS J. WARD and
RUTH CRAWFORD FREEMAN (*210 Woman's
Building*)
Markets. GRACE B. ARMSTRONG (*231 Woman's
Building*)
Recreation. MRS. SPENCER EWING (*Gregorian
Hall*)

Thursday

- 9:00-10:50 Group singing
What the Bureau of Home Economics does
for the homemaker. RUTH O'BRIEN, Chief,
Division of Textiles and Clothing, Bureau of
Home Economics, U. S. Department of Ag-
riculture, Washington, D. C.
Brief reports of outstanding county activities
- 1:30- 2:50 Group singing
The county home bureau program in review
Fulton.....Mrs. PAUL REINERTSEN
Livingston.....Mrs. HOWARD KELLEY
Saline.....Mrs. ROSCOE PULLIAM
The present challenge to the home. GRACE E.
FRYSINGER, Senior Home Economist, Ex-
tension Service, U. S. Department of Agri-
culture, Washington, D. C.

Special Conferences

Illinois Brown Swiss Breeders Association

The Illinois Brown Swiss Breeders Association will hold their annual winter meeting on Tuesday, January 16, at 10 a.m., in *Room 205 Old Agriculture*.

Illinois Jersey Cattle Club

The annual meeting of the Illinois Jersey Cattle Club will be held Wednesday, January 17, at 10 a.m., in *Room 205 Old Agriculture*.

Illinois Guernsey Breeders Association

The annual winter meeting of the Illinois Guernsey Breeders Association will be held Thursday, January 18, at 10 a.m., in *Room 205 Old Agriculture*.

Illinois Crop Improvement Association

The annual business meeting of the Illinois Crop Improvement Association will be held on Wednesday, January 17, at 4 p.m., in *Room 205 Old Agriculture*.

The annual banquet of the Illinois Crop Improvement Association will be held at *Hanley's*, Wednesday, January 17, 5:30 to 7:45 p.m. An interesting special feature in addition to a short program will follow the dinner. Medals will be awarded to winners in the Ten-Acre Corn-Growing Contest as well as in the Utility Corn Show. Everyone attending FARM AND HOME WEEK is invited to attend.

Annual School for Grain Judges

(600 Old Agriculture)

During FARM AND HOME WEEK the Department of Agronomy and the Illinois Crop Improvement Association conducts a school for seed and grain judges. At the conclusion of the school an examination is held and certificates of "Certified Grain Judge" awarded to those who successfully complete the week's work and pass the examination.

Illinois Seed Grain Show

(Fourth Floor, New Agriculture)

The Illinois Seed Grain Show and the Fourteenth Annual Utility Corn Show will be held in connection with FARM AND HOME WEEK.

The Corn Show will be open to visitors at 1 p.m. Monday, January 15, and will remain open thruout the week. The best hours to visit the show are 8:00 a.m. and from 4 to 6 p.m. daily.

Illinois Farm Managers' Association

The Illinois Farm Managers' Association will meet at 10:00 a.m., Tuesday, January 16, in *Newman Foundation*.

Art Extension Committee Meeting

Wednesday

MRS. J. T. INGRAM, Quincy, *presiding*

9:00-10:50 Contribution of home economics to art extension. ISABEL BEVIER

The charm of glass. VIRGINIA WEAVER

Color and design in home furnishings. ISABELLE HITCHCOCK (*South Parlor, Second Floor, Woman's Building*)

J. C. BLAIR, *presiding*

1:00- 1:50 New conceptions of landscape planning. K. B. LOHMANN (*103 New Agriculture*)

2:00- 2:50 Landscape architecture and outdoor recreation. O. G. SCHAFFER (*103 New Agriculture*)

4:00- 4:30 Concert, University of Illinois Orchestra, F. B. STIVEN, Director (*Smith Memorial Hall*)

Thursday

O. G. SCHAFFER, *presiding*

9:00-10:50 Gardens of yesterday and today. I. L. PETERSON

Modern garden design. S. H. WHITE

Planting design in relation to structure. FLORENCE ROBINSON (*103 New Agriculture*)

L. H. PROVINE, *presiding*

1:00- 1:50 Illinois pioneer architecture. Illustrated. EARL REED, JR. President, Chicago Chapter American Institute of Architects, Head of Department of Architecture, Armour Institute of Technology, Chicago

2:00- 2:50 The architecture of old Kentucky. Illustrated. REXFORD NEWCOMB (*120 Architecture*)

Music and Drama Tournament Finals

Thursday

8:00- 8:50 Rehearsal for winning play groups. (*Auditorium*)

9:00-10:50 Annual meeting of the state representatives. JESSE PRATHER, Champaign, *presiding* (*214 New Agriculture*)

1:00- 2:50 Annual state rural music tournament. (*Auditorium*)

4:00- 6:00 Rehearsals of music groups for participation in the annual rural music festival.

Men's quartets (*103 Smith Memorial Hall*)

Mixed quartets (*200 Smith Memorial Hall*)

Ladies' quartets (*106 Smith Memorial Hall*)

Orchestras (*Orchestra Room, basement, Smith Memorial Hall*)

Rehearsal period for play groups. (*Auditorium*)

6:00- 7:00 Annual dinner of participants in the 1933-34 music and drama tournament. (*Cafeteria, Woman's Building*)

7:30-10:00 Annual state rural drama tournament and music festival. (*Auditorium*)

Exhibits

Exhibits for the Farm and Home (Second Floor Gymnasium, Woman's Building)

I. Farm food products and their use

1. Eggs

Preparations of eggs for market. A candling device to grade eggs for marketing. Exterior quality differences in eggs. Correct packing of eggs.

2. Vegetables

Pit storage of vegetables with effect of temperature on storage. Forced plants. Rhubarb winter-forced for early spring use. The effect of time of cooking on food content and edibility of vegetables.

3. Meats

Preservation of meats at various stages of cure. Display of meats in various methods of preservation. Cost of preservation. Mimeographed material giving methods of preserving meats.

4. Fruits

Cider made from different varieties of apples; made by various types of press; and kept in various methods of storage. A display of Illinois produced nuts. Low-cost construction of a cold storage unit.

5. Honey

Bee hive set up to show method of producing the different kinds of honey. Care and use of honey. Foods showing uses and mimeographed materials on uses.

6. Dairy products

Display of equipment for use in making butter, cheese, ice cream, etc.

7. Ways of using Illinois farm products

Soybean, flour, milk, and eggs in combination, and grains. Suggested ways of using with recipes.

8. Measurements take the guessing out of cooking

Cooking thermometers used for meat, for candy, for deep fat frying, and for the oven. Correct measurements make standard products.

9. Dietetics and nutrition

Food as related to health, showing effect of inadequate diets on man and animals. Food for the sick and how to serve it.

II. Quality in selection of goods

1. Mattresses

Cross-sections of mattresses showing content and construction in relation to grades. Mattresses made from waste cotton, from excellent fiber cotton; coil spring mattresses of various grades.

2. Bath towels

Display showing how good towels should be judged. Arrangement of fibers, the twist, the thread count. Illustrations of good and poor towels.

3. Blankets

What to look for when you buy blankets—percentage of wool and cotton, tensile strength, weight, binding. A display of these factors.

4. *Canned food*

Official size cans by name. Grades of canned food. Look for what should be on a label.

III. Household operation

1. *Equipment*

Care and upkeep of equipment. The proper care of the electric motor. The repair of an electric iron, an iron cord, etc. Safety in use of equipment.

2. *Control of household pests*

A display of the clothes moth, carpet beetle, etc. . . . with methods of eradication and control.

3. *Wool*

Fleeces of wool showing different grades produced in Illinois. Uses made of the various grades, such as fabric, bats, etc. . . . Mimeographed material on care and preparation of fleeces for household use.

IV. Floriculture

1. A display of flowers suitable and unsuitable for household use. Potted plants you can grow in any home. Cut flowers for home use. Hothouse flowers.

V. Safety in the home

1. Make your home a safe place in which to live.

VI. Book exhibit

1. Books for the homemaker's library concerning food, clothing, management, and child care. Also a display of books for children.

Agricultural Engineering

In addition to the tractors, gas engines, field and harvesting machinery, home equipment, and other equipment normally on display in the Agricultural Engineering Building, there will be a special exhibit of weed control and seed-cleaning machinery. Seed-cleaning demonstrations will be given on Thursday and Friday. There will also be exhibits featuring (1) noxious weeds, (2) plow equipment, (3) tractor and motor car lubrication, (4) methods of preventing soil erosion, (5) farm building plans and materials. Moving pictures will be shown each day during the noon hour, and a lunch stand will be operated in the building by the students.

Agronomy

The fourth floor of the New Agricultural Building will be open from 8 a.m. to 6 p.m. daily. Among the exhibits pertaining to soils and crops are the following: State Corn Show, acre-yield exhibit, certified seed exhibit, lespedeza exhibit, soil testing exhibit, chinch bug control, chinch-bug-resistant varieties of corn, weed exhibit, federal grain-grading exhibit, corn-hog adjustment exhibit, and the general agricultural exhibit. Take the elevator at the north end of the first floor, New Agricultural Building.

Animal Husbandry

Livestock sanitation exhibit may be seen in the Animal Pathology Building, 8 a.m. to 5 p.m. daily. Here may be

seen the exhibits on the prevention of rabies, coccidiosis, fowl tuberculosis, pullorum disease, and poultry parasites, and those on sanitation and hygiene in disease control. Big team models may be seen in the Stock Pavilion, 8 a.m. to 5 p.m. daily.

Bulletin Exhibit

Bulletins and circulars of the College of Agriculture are on exhibit in the Auditorium. With this are forms on which visitors may apply for the bulletins and circulars they desire. Names may be put on the bulletin mailing list thru this channel. Last year many visitors took advantage of this information and a total of 9,601 bulletins were distributed.

Dairy Products

To assist farmers of Illinois in securing more profitable outlets for milk and cream, the division of Dairy Manufactures has arranged an exhibit that will show the best methods of preparing dairy products for market. Methods of manufacture and suggestions for packages and containers will be made. The more common defects occurring in butter, cheese, milk, and cream will be illustrated and remedies will be suggested. New uses for dairy products will be presented and new types of dairy spreads will be demonstrated. Varieties of the more common types of ripened cheeses will be on display. This exhibit should be of interest to the farm-dairy operator as well as the farm wife. (*Second Floor Gymnasium, Woman's Building*)

Horticulture

In the Vegetable Greenhouses will be found a crop of tomatoes and other vegetables grown under glass during the winter months.

A wide variety of foliage and flowering plants, including roses, carnations, snapdragons, ferns, palms, and many other ornamentals will be on display at the Floricultural Greenhouses.

An exhibit of nuts and a display of horticultural literature will be found in the lobby of the Horticultural Field Laboratory.

These buildings will be open from 8 a.m. to 5 p.m. daily.

Museums

I. *Classical Archaeology and Art, European Culture, Oriental Museum*—Top floor Lincoln Hall, open from 8 a.m. to 10 p.m. daily, elevator service. These museums consist of collections of originals and reproductions of works of art, coins, arms and armour, peasant costumes, theatre models, ship models, wood and ivory carvings, early musical instruments, pottery, mummy case fragments and mummified sacred birds from Egypt, objects from Palestine, and models of domestic furniture and pre-historic implements from the Near East.

II. *Natural History Museum*—Third floor Natural History Building, open from 8 a.m. to 5 p.m. daily. Exhibits of special interest are: Group showing injurious apple insects; group showing injurious corn insects; consumers products made from corn; consumers products made from cotton and cocoa; how buttons are made; pearls and their culture; clothing and food of the Esquimaux; clothing of the Australians; birds useful to the farmer; the history of the horse; and ancient man and his descendants. In addition there can be seen a large collection and exhibit of Indian culture and animal and geological life.

REFLECTIONS FROM PREVIOUS YEARS

I have attended Farm and Home Week at the University of Illinois for the past thirteen years. . . . Last year I was much interested in the "Woodlot of the Farm" and think tree conservation should be emphasized more in our state. . . . I think the whole program very fine and instructive both for the ladies and the men. Mrs. Wilson and I expect to attend again this year.

F. V. WILSON
Edgewood, Illinois

I attended the full session of Farm and Home Week in 1931 and the last three days in 1932. . . . The most interesting thing to me was the hog feeding course. The time given in that course to mineral feeding has saved me a good many dollars in high-priced minerals.

As we had just installed electricity on our farm, the electrical course was very interesting to me. It explained how one could use electricity on a farm to advantage and also the way it was used on many farms at an actual loss.

. . . . If a farmer has any money whatever for a vacation there is no better way to spend it than take a trip to Urbana for Farm and Home Week, because he will have a fine vacation and will learn many things which will help him in his work and save him dollars as long as he lives. I expect to attend Farm and Home Week every year as long as it is possible for me to do so.

PAUL F. LANE
Prophetstown, Illinois

Attending Farm and Home Week gives me an opportunity to attend the Annual Grain and Seed Show. . . . It also gives me up-to-date information on new and old farm problems alike. . . . Studying the results of many experiments that are conducted by the University is also helpful. Farm and Home Week offers a week's vacation for me.

GLENN REVES
Morris, Illinois

I have spent most of my time while attending Farm and Home Week in the poultry classes. I am operating and trying to own and pay for a 400-acre farm. Poultry is a side line of the work of this farm, but with the help I have received from the University and attending the classes at Farm and Home Week, I have managed to make it quite profitable. In fact, we have sold enough eggs from our flock of 500 hens to very nearly pay our hired help for the past three years.

I have also gained a great deal from the courses in economics.

It is hard for me to express in words my appreciation of the very splendid treatment we received from both the faculty and students during our visits with you at the University, and for the plain and simple manner and terms in which the classes are conducted so that we who are not college graduates can derive the most benefit. That is one thing I have thought would be hard, to keep from talking "over our heads."

G. V. GRAY
Aledo, Illinois

I have attended Farm and Home Week the last four years. I took up grain judging for the first three years. I have put this knowledge into practice, and have built up an excellent seed corn business, having sent seed to six different states in 1933. It also has been invaluable to me, as well as to my neighbors in buying legume seeds free of noxious weeds.

The average cost of my week at Urbana was \$15. I have felt repaid many times for this investment.

I think the ones who have made it possible should be congratulated on the success of the Farm and Home Week for the last few years in bringing together the farm folks for recreation as well as education. I am planning to be with you again this year.

E. W. DOUBET
Hanna City, Illinois

My son attended Farm and Home Week with our farm adviser two years ago and I will say that it has been of much value to him, for he came home with new enthusiasm and zeal and with information that gave him a new viewpoint of farming and farming operations. It would be hard to estimate the benefit that he received from the week that he spent at Urbana.

NORMAN DAVIS
Whitehall, Illinois

My trip to Farm and Home Week was very educational, and it was time well spent. At the present time my father and I are feeding fifty head of hogs according to the way taught at the University and I find the instructions very helpful. It was a trip that I will never forget.

GARVIN DAY
Whitehall, Illinois

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UNIVERSITY OF ILLINOIS BULLETIN

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No. 20

Annual Farm and Home Week Program

THE LIBRARY OF THE

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UNIVERSITY OF ILLINOIS

January 14 to 18
1935

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College of Agriculture
University of Illinois
Urbana-Champaign

Published Weekly by the University of Illinois

Entered as second-class matter December 11, 1912, at the post office at Urbana, Illinois, under the Act of August 24, 1912. Acceptance for mailing at the special rate of postage provided for in section 1103, Act of October 3, 1917, authorized July 31, 1918.

INFORMATION FOR VISITORS

Registration—Every visitor is urged to register immediately upon arrival. There is no registration fee. Registration headquarters will be maintained in the University Auditorium during the entire week. Registration for the **HOMEMAKERS CONFERENCE** will be held in the lobby of Lincoln Hall. At the time of registering you will be given an official **FARM AND HOME WEEK** badge.

Daily Program—The daily program will consist of courses offered by the different departments of the College of Agriculture, lectures and talks by prominent speakers, recreational features, special exhibits, and an entertaining program each evening.

Those attending will be encouraged to register for courses in which they are particularly interested and to attend them regularly thruout the week. In this way it is possible to get the greatest benefit from the courses selected.

Conference Hour—The hour 8 to 9 each morning has been reserved for conference with members of the College staff or others. Inquire at the registration desk for assistance in locating anyone you may wish to see.

Locating Lecture Rooms and Laboratories—The location of rooms and laboratories is indicated on this program by room number and name of building. Signs in each building will direct you to the room desired. In the New Agricultural Building all rooms with numbers in the one hundreds are on the first floor, all in the two hundreds on the second floor, etc.

Exhibits—**FARM AND HOME WEEK** guests should avail themselves of the opportunity of visiting the many exhibits on the campus pertaining to subjects of both agricultural and general interest. A brief description of the exhibits will be found at the back of this program.

Meals—Meals may be secured at numerous restaurants near the University campus. Noon lunch will be served at the Home Economics Cafeteria in the Woman's Building. The basement gymnasium will be open to anyone who cares to bring his lunch. Coffee, soup, and milk may be obtained there. Student agricultural clubs plan to serve lunches. Announcements will be made at the Auditorium.

Rooms—A list of rooms available in the University district for **FARM AND HOME WEEK** visitors will be maintained at the registration desk in the Auditorium.

Lost and Found—Articles lost should be reported and those found turned in to registration headquarters in the Auditorium.

Guides—Agricultural students and faculty members will wear badges indicating that they are guides. Feel free to ask them and others on the campus for information.

Illness and Accidents—Illness or accidents should be promptly reported to the registration desk in the Auditorium. First aid service will be rendered by the University Health Station, telephone 7-1821.

Program by Days

(For Art Extension and Community Planning Conferences,
see page 30)

(For Homemakers Conference, see page 28)

(For Illinois Society for Farm Managers Conference,
see page 31)

MONDAY—JANUARY 14

Monday—9:00 a.m.

Registration—Auditorium

Monday—1:00 p.m.

AGR. ECON.—Outlook of short-time credit for Illinois farmers. JORDAN (*103 New Agr.*)

AGR. ENGIN.—Principles governing the selection of farm machinery. WILLS (*201 Agr. Engin.*)

AGRON.—Alfalfa insects and the corn ear worm. BIGGER (*128 New Agr.*)

ANIM. HUSB.—When and when not to feed minerals. HAMILTON (*330 New Agr.*)

Demonstration—Judging fowls for egg production.* SLOAN (*Stock Pavilion*)

Demonstration—Sexing baby chicks. ALP (*331 New Agr.*)

DAIRY—Planning economical rations for dairy cows. NEVENS (*127 New Agr.*)

HORT.—Adaptation of grape varieties to Illinois. COLBY (*326 New Agr.*)

RURAL ORGAN.—The rural community and the council of churches. SHIKE (*214 New Agr.*)

4-H CLUB WORK—The 4-H leader's place in a creative program. ROHRBOUGH (*Gregorian Hall, Third Floor, W.B.*)

HOME ECON.—When you buy textiles. Whitlock (*First Floor, South Parlor, W.B.*)

Monday—2:00 p.m.

AGR. ECON., AGRON., & ANIM. HUSB.—Meeting our most serious feed and seed situation. HACKLEMAN (*103 New Agr.*)

AGR. ENGIN.—Common mistakes in the adjustment and operation of field machines. SHAWL (*201 Agr. Engin.*)

ANIM. HUSB.—Demonstration—Judging fowls for egg production.* SLOAN (*Stock Pavilion*)

HORT.—Harvesting and storage of grapes. COLBY (*326 New Agr.*)

Tomato culture in a hot, dry season. HUELSEN (*118 New Agr.*)

*Programs designated by an asterisk are not completed in one hour. See preceding or following schedules for full program.

HOME ECON.—Hygiene and health on the farm. TANNER
(*First Floor, South Parlor, W.B.*)

RURAL ORGAN.—Rural rehabilitation and the rural church.
DANCE (214 *New Agr.*)

Monday—3:00 p.m.

General Session—Auditorium

W. L. BURLISON, *presiding*

A year's study of the agriculture of Russia. Dr. H. W. ALBERTS, who spent one year with the U.S.S.R. Plant Institute in Russia. (Preceded by piano selections, SHERMAN SCHOONMAKER)

Monday—5:30 p.m.

Agricultural Alumni Banquet—Lower Gymnasium Woman's Building

The agriculture of Alaska. Dr. H. W. ALBERTS, formerly director of the Experiment Station at Sitka, Alaska

Monday—8:00 p.m.

General Session—Men's New Gymnasium

Exhibition by University gymnastic, wrestling, fencing, and swimming teams

TUESDAY—JANUARY 15

Tuesday—8:00 a.m.

AGRON.—Group discussion of seed situation. By staff (110 *Old Agr.*)

RURAL ORGAN.—AAA discussion demonstrations. Edgar county team (103 *New Agr.*)

Tuesday—9:00 a.m.

AGR. ECON.—Why some farms pay better than others. MOSHER (127 *New Agr.*)

AGR. ENGIN.—Cutting and field curing of hay. REED (201 *Agr. Engin.*)

AGRON.—Soil treatment practices for changing conditions. BAUER (600 *Old Agr.*)

ANIM. HUSB.—Important points in selecting horses. Demonstration and judging.* EDMONDS (*Stock Pavilion*)

Disappointments in poultry breeding. CARD (128 *New Agr.*)

BEEKEEPING.—The working tools of the bees. BURKS. Know your bees. MILUM (104 *Exp. Zool. Lab.*)

DAIRY—Demonstrations and judging—Newer conceptions of individuality in cattle.* YAPP and KUHLMAN (*Stock Pavilion*)

Manufacture of soft cheeses.* TUCKEY (*Dairy Mfrs.*)

Sampling and testing milk for fat by the Babcock test.* OVERMAN and GARRETT (*503 Old Agr.*)

HORT.—Fruit bud studies of the grape in relation to fruitfulness.* McMUNN (*326 New Agr.*)

Arrangement of cut flowers for the home. DORNER (*118 New Agr.*)

RURAL ORGAN.—National objectives in rural rehabilitation. WESTBROOK (*214 New Agr.*)

HOME ECON.—The child's own library. GREER. Books for grown-ups. PRICE (*First Floor, South Parlor, W.B.*)

Tuesday—10:00 a.m.

AGR. ECON.—Farm lease problems. CASE (*127 New Agr.*)

AGR. ENGIN.—Storing hay in mow, stack, and bale. YOUNG (*201 Agr. Engin.*)

AGRON.—Soils and soil management for alfalfa in Illinois. LANG (*600 Old Agr.*)

ANIM. HUSB.—Important points in selecting horses. Demonstration and judging.* EDMONDS (*Stock Pavilion*)

Marketing Illinois eggs. ALP (*128 New Agr.*)

BEEKEEPING—Types of hives and methods of assembling. MILUM (*104 Exp. Zool. Lab.*)

DAIRY—Demonstrations and judging—Newer conceptions of individuality in cattle.* YAPP and KUHLMAN (*Stock Pavilion*)

Manufacture of soft cheeses.* TUCKEY (*Dairy Mfrs.*)

Sampling and testing milk for fat by the Babcock test.* OVERMAN and GARRETT (*503 Old Agr.*)

HORT.—Fruit bud studies of the grape in relation to fruitfulness.* McMUNN (*326 New Agr.*)

Commercial methods applicable to home canning. HUELSEN (*118 New Agr.*)

HOME ECON.—New views of familiar foods. MUNGER (*First Floor, South Parlor, W.B.*)

MUSIC AND DRAMA—Rehearsal for state chorus. (*Smith Memorial Hall*)

Tuesday—11:00 a.m.

General Session—Auditorium

W. W. McLAUGHLIN, *presiding*

Rural Rehabilitation. Col. LAWRENCE WESTBROOK, Assistant Administrator of the Federal Emergency Relief Administration, Washington, D.C. (Preceded by selections, University Men's Glee Club. LEROY HAMP, conductor)

Tuesday—1:00 p.m.

AGR. ECON.—Outlook for Illinois agriculture in 1935 as influenced by:* (a) General economic trends and government policy. NORTON (*103 New Agr.*)

AGR. ENGIN.—Modern hay harvesting machinery. KRANICK (*201 Agr. Engin.*)

AGRON.—Making a good crop better—alfalfa. HACKLEMAN (*600 Old Agr.*)

ANIM. HUSB.—Swine feeding practices that increase profits. CARROLL (*330 New Agr.*)

Stopping the leaks in a poultry business. CARD (*128 New Agr.*)

BEEKEEPING—The chemical composition of some Illinois honeys. LYNN

Other characteristics of honey. MILUM (*104 Exp. Zool. Lab.*)

DAIRY—Current problems in feeding dairy cattle. NEVENS (*127 New Agr.*)

Common flavor defects in milk and cream. TRACY (*Dairy Mfrs.*)

HORT.—Pruning and training young grapevines.* COLBY (*326 New Agr.*)

RURAL ORGAN.—Panel discussion. The new impact of vital religion on the changing rural order.* NORTHCOTT (*214 New Agr.*)

4-H CLUB WORK—Another leaf for the 4-H clover. ROHRBOUGH (*Gregorian Hall, Third Floor, W.B.*)

HOME ECON.—Measures of growth and nutrition. OUTHOUSE (*First Floor, South Parlor, W.B.*)

Tuesday—2:00 p.m.

AGR. ECON.—Outlook for Illinois agriculture in 1935 as influenced by:* (b) Production and consumption trends. JORDAN (*103 New Agr.*)

AGR. ENGIN.—Special methods and equipment for handling hay. REED (*201 Agr. Engin.*)

AGRON.—New developments in liming. LINSLEY (*600 Old Agr.*)

ANIM. HUSB.—Economical methods of feeding cattle on pasture. RUSK (*330 New Agr.*)

Poultry management plans for 1935. ALP (*128 New Agr.*)

BEEKEEPING—Honey extracting demonstrations. MILUM (*104 Exp. Zool. Lab.*)

DAIRY—Manufacture of special dairy products. TRACY (*Dairy Mfrs.*)

HORT.—Pruning and training young grapevines.* COLBY (*326 New Agr.*)

New and improved varieties of vegetables. WEAVER (*118 New Agr.*)

RURAL ORGAN.—Panel discussion. The new impact of vital religion on the changing rural order.* NORTHCOTT (*214 New Agr.*)

HOME ECON.—Keynotes in costumes. EADES and BEAM (*First Floor, South Parlor, W.B.*)

Tuesday—3:00 p.m.

General Session—Auditorium

J. C. BLAIR, *presiding*

Rural Architecture—an Expression of American Life.
Dean REXFORD NEWCOMB, College of Fine and Applied Arts, University of Illinois (Preceded by vocal solos, BRUCE R. FOOTE, *baritone*)

Tuesday—5:15 p.m.

Stockmen's Banquet—Hanleys

Some things I have observed about successful stockmen. H. C. HORNEMAN, Danville

Tuesday—7:30 p.m.

General Session—Auditorium

D. E. LINDSTROM, *presiding*

Band Concert by one of the University of Illinois Bands
Mid-year recital of the Illinois Counties' Rural Chorus

WEDNESDAY—JANUARY 16

Wednesday—8:00 a.m.

AGRON.—Answers to soil problems. By staff (*110 Old Agr.*)

BEEKEEPING—Do the bees vacation in winter? MILUM (*104 Exp. Zool. Lab.*)

RURAL ORGAN.—AAA discussion demonstrations. McLean county team (*103 New Agr.*)

Wednesday—9:00 a.m.

AGR. ECON.—Field arrangements and cropping systems. ANDREWS and CUNNINGHAM (*127 New Agr.*)

Constructive competition *vs.* monopoly and destructive competition in the farm production and marketing of milk. BARTLETT. What the Milk Market Administration under the AAA is doing to help Illinois farmers. LYNCH and SHIPLEY (*Morrow Hall*)

AGR. ENGIN. & AGRON.—Aiding nature in erosion control. FISHER (*600 Old Agr.*)

ANIM. HUSB.—Attaining success in sheep raising. KAMMLADE (*330 New Agr.*)

Methods of cutting and canning beef and lamb.* BULL and HENDERSON (*Meat Lab., Old Agr.*)

Recent findings in poultry research. CARD (*128 New Agr.*)

BEEKEEPING—How shall we aid our bees in winter and spring? CALE. Bee hysteria. KILLION (*104 Exp. Zool. Lab.*)

DAIRY.—The calf club problem and need of club leadership. PILCHARD (*Stock Pavilion*)

Manufacture of cheddar cheese.* TUCKEY (*Dairy Mfrs.*)

Sampling and testing cream by the Babcock test.* OVERMAN and GARRETT (*503 Old Agr.*)

HORT.—Planting the vineyard. MARSH (*326 New Agr.*)

Roses for the home garden. HALL (*118 New Agr.*)

RURAL ORGAN.—Basic considerations for a rural rehabilitation program in Illinois. HUMPHREY (*214 New Agr.*)

Wednesday—10:00 a.m.

AGR. ECON.—A unified AAA contract. JOHNSTON (*127 New Agr.*)

Economics of milk distribution. WASSERMAN. Discussion. HEPBURN (*Morrow Hall*)

AGR. ENGIN.—Terracing and contour farming. HAY (*201 Agr. Engin.*)

AGRON.—Farm management for the protection of birds and game. YEATTER (*600 Old Agr.*)

ANIM. HUSB.—Solving 1935 livestock feeding problems. ROBBINS (*330 New Agr.*)

Methods of cutting and canning beef and lamb.* BULL and HENDERSON (*Meat Lab., Old Agr.*)

The relation of hereditary resistance and susceptibility to the mortality problem. ROBERTS (*128 New Agr.*)

BEEKEEPING—Colony management for extracted honey production. CALE (*104 Exp. Zool. Lab.*)

DAIRY.—Selection, care, and management of the Dairy Club calf. YAPP. What the Dairy Calf Club has meant to me. DEMUNN and KAINZ (*Stock Pavilion*)

Manufacture of cheddar cheese.* TUCKEY (*Dairy Mfrs.*)

Sampling and testing cream by the Babcock test.* OVERMAN and GARRETT (*503 Old Agr.*)

HORT.—Soil management of the vineyard. MARSH (*326 New Agr.*)

Dependable vegetables in unfavorable seasons. LLOYD (*118 New Agr.*)

Wednesday—11:00 a.m.

General Session—Auditorium

H. C. M. CASE, *presiding*

The capacity of the United States to produce and to consume agricultural products. Dr. E. G. NOURSE, Brookings Institute, Washington, D.C. (Preceded by selections, University String Quartet)

Wednesday—1:00 p.m.

AGR. ECON.—Marketing of strawberries. DECKER (*103 New Agr.*)

- Problems of collective bargaining associations under the Milk Market Administration. GEYER, TIEDEMAN, and COUNTISS (*Morrow Hall*)
- AGR. ENGIN.—Terrace requirements, construction, and maintenance. OLSON (*201 Agr. Engin.*)
- AGRON.—Hybrid corn: what it is and how it is produced. HOLBERT, WOODWORTH, and DUNGAN (*600 Old Agr.*)
- ANIM. HUSB.—Livestock outlook. JOHNSTON (*330 New Agr.*)
- The relation of general economic conditions to the poultry industry. NORTON (*128 New Agr.*)
- BEEKEEPING—Producing comb honey. KILLION (*104 Exp. Zool. Lab.*)
- DAIRY—Manufacture of cheddar cheese.* TUCKEY (*Dairy Mfrs.*)
- Inexpensive methods of producing milk of high quality. PRUCHA (*127 New Agr.*)
- HORT.—Pruning fruiting grapevines.* COLBY (*326 New Agr.*)
- 4-H CLUB WORK—An economic foundation for good recreation. ROHRBOUGH (*Gregorian Hall, Third Floor, W.B.*)
- FORESTRY—The use of trees for gully control.* SAWYER (*316 New Agr.*)
- ART EXTEN.—Creative leisure. EWING. Art in American gardens.* FULLER (*Little Theatre, Lincoln Hall*)

Wednesday—2:00 p.m.

- AGR. ECON.—Markets for Illinois vegetables. LLOYD (*103 New Agr.*)
- Round table discussion—Milk marketing. BARTLETT (*Morrow Hall*)
- AGR. ENGIN.—Gully control. ENSMINGER (*201 Agr. Engin.*)
- AGRON.—Fighting the chinch bug in 1935. FARRAR (*600 Old Agr.*)
- ANIM. HUSB.—Cutting the tankage bill with good hog pastures. CARROLL (*330 New Agr.*)
- Adapting our farm poultry operations to changing conditions. KEMPSTER (*128 New Agr.*)
- BEEKEEPING—Saving the beeswax. CALE. Requeening—why, when, and how to do it? EARLE (*104 Exp. Zool. Lab.*)
- DAIRY—Manufacture of cheddar cheese.* S. L. TUCKEY (*Dairy Mfrs.*)
- HORT.—Pruning fruiting grapevines.* COLBY (*326 New Agr.*)
- Relation of weather and other factors to the prevalence of vegetable diseases. KADOW (*118 New Agr.*)
- FORESTRY—The use of trees for gully control.* SAWYER (*316 New Agr.*)
- ART EXTEN.—Art in American gardens.* FULLER (*Little Theatre, Lincoln Hall*)

Wednesday—3:00 p.m.

General Session—Auditorium

Dean H. W. MUMFORD, *presiding*

Address—President ARTHUR CUTTS WILLARD, University of Illinois (Preceded by vocal solos, DOROTHY BOWEN, *soprano*)

Wednesday—4:00 p.m.

ART EXTEN.—Orchestra concert. Professor F. B. Stiven, Director (*Smith Memorial Hall*)

Wednesday—5:30 p.m.

ILLINOIS CROP IMPROVEMENT ASSOCIATION BANQUET

Readjusting the work of crop improvement associations to meet present conditions.—O. S. FISHER (*Lower gymnasium, Woman's Building*)

Wednesday—7:30 p.m.

General Session—Men's New Gymnasium

G. S. RANDALL, *presiding*

Winter Festival. Directed by LYNN T. ROHRBOUGH, Director, Church Recreation League of Ohio

THURSDAY—JANUARY 17

Thursday—8:00 a.m.

AGR. ENGIN.—Some power and machinery problems. LEHMANN (*201 Agr. Engin.*)

AGRON.—Corn question box. By staff (*110 Old Agr.*)

BEEKEEPING—Races and strains of bees. CALE. Saving time, steps, and worry in the apiary. PETERSON (*104 Exp. Zool. Lab.*)

RURAL ORGAN.—AAA discussion demonstrations. Randolph county team (*103 New Agr.*)

Thursday—9:00 a.m.

AGR. ECON.—Regional aspects of Illinois land use problems. SCHOENMANN

Replanning Illinois land uses for crop and livestock production. HUDELSON (*Auditorium*)

Changes in types of farming in Illinois. CASE (*127 New Agr.*)

AGR. ENGIN.—What farmers must do to have electric service. LEHMANN (*201 Agr. Engin.*)

AGRON.—Choosing pasture plants and mixtures. BURLISON and PIEPER (*600 Old Agr.*)

- ANIM. HUSB.—Selecting cows for baby beef production.*
SNAPP (*Stock Pavilion*)
- Methods of cutting and curing pork.* BULL and HENDERSON (*Meat Lab., Old Agr.*)
- Feeding the laying flock. SLOAN (*128 New Agr.*)
- BEEKEEPING—Adult bee diseases and pests. MILUM. Diagnosing brood disease. CALE (*104 Exp. Zool. Lab.*)
- DAIRY—Building a herd upon the scientific principles of breeding.* YAPP and KUHLMAN (*Stock Pavilion*)
- Buttermaking.* RUEHE (*Dairy Mfrs.*)
- HORT.—Grape insects and their control.* FARRAR (*326 New Agr.*)
- Lawns and lawn grasses. WEINARD (*118 New Agr.*)
- RURAL ORGAN.—State objectives in rural rehabilitation. HUMPHREY (*214 New Agr.*)
- ART EXTEN.—How to organize a citizen's agency for community betterment. LAWRENCE (*Hall of Casts, Arch. Bldg.*)

Thursday—10:00 a.m.

- AGR. ECON.—Replanning Illinois land for forest and woodlot production. SAWYER. Replanning Illinois land uses for recreation and game production. LODGE. Round table discussion. (*Auditorium*)
- Cost of producing livestock and livestock products. ROSS (*127 New Agr.*)
- AGRON.—The soil requirements of pastures. LINSLEY (*600 Old Agr.*)
- ANIM. HUSB.—Selecting cows for baby beef production.*
SNAPP (*Stock Pavilion*)
- Methods of cutting and curing pork.* BULL and HENDERSON (*Meat Lab., Old Agr.*)
- Housing farm poultry. KEMPSTER (*128 New Agr.*)
- BEEKEEPING—Apiary inspection and methods of bee disease control. DUAX (*104 Exp. Zool. Lab.*)
- DAIRY—Building a herd upon the scientific principles of breeding.* YAPP and KUHLMAN (*Stock Pavilion*)
- Buttermaking.* RUEHE (*Dairy Mfrs.*)
- HORT.—Grape insects and their control.* FARRAR (*326 New Agr.*)
- The fall vegetable garden. WEAVER (*118 New Agr.*)
- MUSIC AND DRAMA—Annual business meeting for delegates of the Illinois music and drama tournament. (*214 New Agr.*)
- ART EXTEN.—Objectives in national planning and the citizen's interest. JAMES (*Hall of Casts, Arch. Bldg.*)

Thursday—11:00 a.m.

General Session—Auditorium

C. L. STEWART, *presiding*

- The outlook for planned land use. Dr. L. C. GRAY, Chief, Land Policy Section, Agricultural Adjustment Administration, Washington, D.C. (Preceded by selections, University Women's Glee Club, L. F. DEMMING, conductor)

Thursday—1:00 p.m.

- AGR. ECON.—Livestock outlook for 1935. JOHNSTON (103 *New Agr.*)
- AGR. ENGIN.—Care and operation of tractors. SHAWL (201 *Agr. Engin.*)
- AGRON. & ANIM. HUSB.—Increasing the value of pastures by management. EDMONDS (600 *Old Agr.*)
- ANIM. HUSB.—Feeding young chicks. SLOAN (128 *New Agr.*)
- BEEKEEPING—Do we need beekeepers' associations? PETERSON. How shall we advertise our product? OSBORNE (104 *Exp. Zool. Lab.*)
- DAIRY—Butter judging.* RUEHE (*Dairy Mfrs.*)
Methods of producing high-quality cream for butter-making; grading cream. PRUCHA (127 *New Agr.*)
- HORT.—Grape diseases and their control.* ANDERSON (326 *New Agr.*)
- 4-H CLUB WORK—Three popular projects for local 4-H clubs. ROHRBOUGH (*Gregorian Hall, Third Floor, W.B.*)
- FORESTRY—Management and protection of woodlands; utilization and marketing of woodland products.* SAWYER (316 *New Agr.*)
- ART EXTEN. & AGR. ECON.—The replanning program and our public finances. HUNTER. Concentration of tax-delinquent rural lands. STEWART. (*Hall of Casts, Arch. Bldg.*)

Thursday—2:00 p.m.

- AGR. ECON.—Recent developments in the direct marketing of livestock. ASHBY (103 *New Agr.*)
- AGR. ENGIN.—Rubber tires for tractors. SHAWL (201 *Agr. Engin.*)
- AGRON.—Emergency forage in chinch bug and drouth areas. PIEPER. (600 *Old Agr.*)
- ANIM. HUSB.—Animal health is wealth. GRAHAM (330 *New Agr.*)
Brooding and rearing chicks. CARD (128 *New Agr.*)
- BEEKEEPING—Preparing the crop for the market. DUAX. Grading and marketing our product. CALE (104 *Exp. Zool. Lab.*)
- DAIRY—Cream whipping. TRACY (*Dairy Mfrs.*)
- HORT.—Grape diseases and their control.* ANDERSON (326 *New Agr.*)
Irrigation systems applicable to Illinois gardens. SOMERS (118 *New Agr.*)
- FORESTRY—Management and protection of woodlands; utilization and marketing of woodland products.* SAWYER (316 *New Agr.*)
- ART EXTEN. & AGR. ECON.—Coordination between local community planning and the larger regional plans. MCCURDY (*Hall of Casts, Arch. Bldg.*)

Thursday—3:00 p.m.

General Session—Auditorium

RUTH A. WARDALL, *presiding*

The effect of the home on citizenship. Judge CAMILLE KELLEY, Juvenile Court, Nashville, Tennessee (*Preceded by vocal solos, KATHRYN JANIE SUTHERLIN, soprano*)

Thursday—4:00 p.m.

MUSIC AND DRAMA—The fifth annual music tournament (*Smith Memorial Hall*)

ART EXTEN.—The development of a typical community planning venture. LOHMANN (*Hall of Casts, Arch. Bldg.*)

Thursday—5:00 p.m.

MUSIC AND DRAMA—Rehearsal of quartet ensembles. (*Basement of Smith Memorial Hall*)

Thursday—6:00 p.m.

Annual dinner of participants in the 1934-35 Music and Drama Tournament
(*Cafeteria, Woman's Building*)

Thursday—7:30 p.m.

General Session—Auditorium

D. E. LINDSTROM, *presiding*

State music and drama tournament

An admission fee of 25 cents will be charged for the tournament. The proceeds will be used to help pay the expenses of the participating groups.

FRIDAY—JANUARY 18

Friday—8:00 a.m.

AGR. ENGIN.—Farm home equipment standards. LEHMANN (*201 Agr. Engin.*)

AGRON.—Pasture round table. By staff (*110 Old Agr.*)

RURAL ORGAN.—AAA discussion demonstrations. Effingham county team (*103 New Agr.*)

Friday—9:00 a.m.

AGR. ECON.—Cost of producing crops. Ross (*127 New Agr.*)

- AGR. ENGIN.—Farmstead and farm house improvement. FOSTER (201 *Agr. Engin.*)
- AGRON.—Small grains for pasture, hay, and grain. DUNGAN (600 *Old Agr.*)
- ANIM. HUSB.—Answering questions from the question box.* RUSK and others (330 *New Agr.*)
 Merchandising the turkey crop. JONES. Question box on turkey marketing. ALP (128 *New Agr.*)
- DAIRY—The dairy farm as a unit. FRASER (205 *Old Agr.*)
 Demonstration—Making ice cream, sherbets, ices, and fancy ice cream.* TRACY (*Dairy Mfrs.*)
- HORT.—Questions on fruits and fruit production.* By staff (326 *New Agr.*)
 Plants for the beginner's rock garden. HANLEY (118 *New Agr.*)
- RURAL ORGAN.—Progress made on rural rehabilitation in Illinois. HUMPHREY (214 *New Agr.*)
- HOME ECON.—Factors affecting family life today. TIMMONS (*First Floor, South Parlor, W.B.*)
- ART EXTEN.—Panel discussion. The interrelated arts. PALMER (*Little Theatre, Lincoln Hall*)

Friday—10:00 a.m.

- AGR. ECON.—Labor, power, and machinery costs. WILLS (127 *New Agr.*)
- AGRON.—New facts about lespedeza. SEARS (600 *Old Agr.*)
- ANIM. HUSB.—Answering questions from the question box.* RUSK and others. (330 *New Agr.*)
 Problems in turkey production. KOHLMAYER (128 *New Agr.*)
- DAIRY—The dairy farm enterprises with special reference to the tenancy problem. CASE (205 *Old Agr.*)
 Demonstration—Making ice cream, sherbets, ices, and fancy ice cream.* TRACY (*Dairy Mfrs.*)
- HORT.—Questions on fruits and fruit production.* By staff (326 *New Agr.*)
 Practical aspects of garden irrigation. SOMERS (118 *New Agr.*)
- HOME ECON.—The University and the home. WARDALL (*First Floor, South Parlor, W.B.*)

Friday 11:00 a.m.

General Session—Auditorium

Dean H. W. MUMFORD, *presiding*

Agricultural adjustment—some problems ahead. M. L. WILSON, Assistant Secretary, U. S. Department of Agriculture, Washington, D.C. (Preceded by violin selections, HAROLD H. WICK)

Program by Courses

AGRICULTURAL ECONOMICS

Outlook and Marketing

(103 New Agriculture)

Monday

- 1:00- 1:50 Outlook of short-time credit for Illinois farmers. G. L. JORDAN
2:00- 2:50 Meeting our most serious feed and seed situation. J. C. HACKLEMAN

Tuesday

- 1:00- 2:50 Outlook for Illinois agriculture in 1935 as influenced by:
(a) General economic trends and governmental policy. L. J. NORTON
(b) Production and consumption trends. G. L. JORDAN

Wednesday

- 1:00- 1:50 Marketing of strawberries. S. W. DECKER
2:00- 2:50 Markets for Illinois vegetables. J. W. LLOYD

Thursday

- 1:00- 1:50 Livestock outlook for 1935. P. E. JOHNSTON
2:00- 2:50 Recent developments in the direct marketing of livestock. R. C. ASHBY

Farm Land Economic Problems

(Auditorium)

Thursday

C. L. STEWART, *presiding*

- 9:00- 9:50 Regional aspects of Illinois land-use problems. L. R. SCHOENMANN, Regional Director, Land Policy Section, AAA, Urbana
Replanning Illinois land uses for crop and livestock production. R. R. HUDELSON
10:00-10:50 Replanning Illinois land for forest and woodlot production. L. E. SAWYER
Replanning Illinois land uses for recreation and game production. W. F. LODGE, President, Illinois Division, Izaak Walton League of America, Inc.
Round table discussion.

- 1:00- 1:50 The replanning program and our public finances. M. H. HUNTER
Concentration of tax-delinquent rural lands.
C. L. STEWART.
(*Hall of Casts, Arch. Bldg.*)
REXFORD NEWCOMB, *presiding*
- 2:00- 2:50 Coordination between local community planning and the larger regional plans. B. C. McCURDY, Engineer, St. Clair county (*Hall of Casts, Arch. Bldg.*)
- 3:00- 3:50 County planning as a part of the picture. A. C. GAUEN, Collinsville, President, Tri-County Regional Planning Federation (*Hall of Casts, Arch. Bldg.*)

Farm Management

(127 New Agriculture)

Tuesday

- 9:00- 9:50 Why some farms pay better than others. M. L. MOSHER
- 10:00-10:50 Farm lease problems. H. C. M. CASE

Wednesday

- 9:00- 9:50 Field arrangements and cropping systems. J. B. ANDREWS and J. B. CUNNINGHAM
- 10:00-10:50 A unified AAA contract. P. E. JOHNSTON

Thursday

- 9:00- 9:50 Changes in types of farming in Illinois. H. C. M. CASE
- 10:00-10:50 Cost of producing livestock and livestock products. R. C. ROSS

Friday

- 9:00- 9:50 Cost of producing crops. R. C. ROSS.
- 10:00-10:50 Labor, power, and machinery costs. J. E. WILLS

Dairy Market Problems

(Morrow Hall)

Wednesday

- 9:00- 9:50 Constructive competition *vs.* monopoly and destructive competition in the farm production and marketing of milk. R. W. BARTLETT
- What the Milk Market Administration under the AAA is doing to help Illinois farmers. A. D. LYNCH, Secretary-Manager, Sanitary Milk Producers, and F. L. SHIPLEY, Market Administrator, St. Louis, Missouri

10:00-10:50 Economics of milk distribution. M. J. WAS-
SERMAN, Agricultural Adjustment Admin-
istration, Washington, D.C.

Discussion. N. W. HEPBURN, Executive Sec-
retary, Illinois Dairy Products Association,
Peoria

1:00- 1:50 Problems of collective bargaining associations
under the Milk Market Administration. D.
N. GEYER, Manager, Pure Milk Association,
Chicago; E. W. TIEDEMAN, President, Sani-
tary Milk Producers, St. Louis; and J. B.
COUNTESS, Director of Dairy Marketing, Il-
linois Agricultural Association, Chicago

2:00- 2:50 Round table discussion. R. W. BARTLETT

AGRICULTURAL ENGINEERING

Field Machinery

(201 *Agricultural Engineering*)

Monday

1:00- 1:50 Principles governing the selection of farm
machinery. J. E. WILLS

2:00- 2:50 Common mistakes in the adjustment and oper-
ation of field machines. R. I. SHAWL

Harvesting and Handling Hay

(201 *Agricultural Engineering*)

Tuesday

9:00- 9:50 Cutting and field curing of hay. R. H. REED

10:00-10:50 Storing hay in mow, stack, and bale. A. L.
YOUNG

1:00- 1:50 Modern hay harvesting machinery. F. N. G.
KRANICK, J. I. Case Company

2:00- 2:50 Special methods and equipment for handling
hay. R. H. REED

Soil Erosion Problems

(201 *Agricultural Engineering*)

Wednesday

9:00- 9:50 Aiding nature in erosion control. F. A.
FISHER, Director, Soil Erosion Service, U. S.
D. I. (600 *Old Agr.*)

10:00-10:50 Terracing and contour farming. R. C. HAY

1:00- 1:50 Terrace requirements, construction, and main-
tenance. CARL OLSON, Assistant Director,
Soil Erosion Service, U. S. D. I.

*2:00- 2:50 Gully control. M. E. ENSMINGER, Erosion
Specialist, Soil Erosion Service, U. S. D. I.

Tractor and Power Problems

(201 *Agricultural Engineering*)

Thursday

- 8:00- 8:50 Some power and machinery problems. E. W. LEHMANN
9:00- 9:50 What farmers must do to have electric service. E. W. LEHMANN
1:00- 1:50 Care and operation of tractors. R. I. SHAWL
2:00- 2:50 Rubber tires for tractors. R. I. SHAWL
-

Farm Housing Problems

(201 *Agricultural Engineering*)

Friday

- 8:00- 8:50 Farm home equipment standards. E. W. LEHMANN
9:00- 9:50 Farmstead and farm house improvement. W. A. FOSTER
-

AGRONOMY

Answering Challenging Current Problems in Soils and Crops

(600 *Old Agriculture*)

Monday

- 1:00- 1:50 Alfalfa insects and the corn ear worm. J. H. BIGGER (*128 New Agr.*)
2:00- 2:50 Meeting our most serious feed and seed situation. J. C. HACKLEMAN (*103 New Agr.*)

Tuesday

- 8:00- 8:50 Group discussion of seed situation. By staff (*110 Old Agr.*)
9:00- 9:50 Soil treatment practices for changing conditions. F. C. BAUER
10:00-10:50 Soils and soil management for alfalfa in Illinois. A. L. LANG
1:00- 1:50 Making a good crop better—alfalfa. J. C. HACKLEMAN
2:00- 2:50 New developments in liming. C. M. LINSLEY

Wednesday

- 8:00- 8:50 Answers to soil problems. By staff. (*110 Old Agr.*)
9:00- 9:50 Aiding nature in erosion control. F. A. FISHER, Director Soil Erosion Service, U. S. D. I.

- 10:00-10:50 Farm management for the protection of birds and game. R. E. YEATTER
- 1:00- 1:50 Hybrid corn: what it is and how it is produced. J. R. HOLBERT, C. M. WOODWORTH, and G. H. DUNGAN
- 2:00- 2:50 Fighting the chinch bug in 1935. M. D. FARRAR

Thursday

- 8:00- 8:50 Corn question box. By staff. (*110 Old Agr.*)
- 9:00- 9:50 Choosing pasture plants and mixtures. W. L. BURLISON and J. J. PIEPER
- 10:00-10:50 The soil requirements of pastures. C. M. LINSLEY
- 1:00- 1:50 Increasing the value of pastures by management. J. L. EDMONDS
- 2:00- 2:50 Emergency forage in chinch bug and drouth areas. J. J. PIEPER

Friday

- 8:00- 8:50 Pasture round table. By staff (*110 Old Agr.*)
- 9:00- 9:50 Small grains for pasture, hay, and grain. G. H. DUNGAN
- 10:00-10:50 New facts about lespedeza. O. H. SEARS

ANIMAL HUSBANDRY

Livestock Feeding and Management (*330 New Agriculture*)

Monday

- 1:00- 1:50 When and when not to feed minerals. T. S. HAMILTON
- 2:00- 2:50 Meeting our most serious feed and seed situation. J. C. HACKLEMAN (*103 New Agr.*)

Tuesday

- 9:00-10:50 Important points in selecting horses. Demonstration and judging. J. L. EDMONDS (*Stock Pavilion*)
- 1:00- 1:50 Swine feeding practices that increase profits. W. E. CARROLL
- 2:00- 2:50 Economical methods of feeding cattle on pasture. H. P. RUSK

Wednesday

- 9:00- 9:50 Attaining success in sheep raising. W. G. KAMMLADE
- 10:00-10:50 Solving 1935 livestock feeding problems. E. T. ROBBINS
- 1:00- 1:50 Livestock outlook. P. E. JOHNSTON
- 2:00- 2:50 Cutting the tankage bill with good hog pastures. W. E. CARROLL

Thursday

- 9:00-10:50 Selecting cows for baby beef production. Demonstration and judging. R. R. SNAPP (*Stock Pavilion*)
- 1:00- 1:50 Increasing the value of pastures by management. J. L. EDMONDS (*600 Old Agr.*)
- 2:00- 2:50 Animal health is wealth. ROBERT GRAHAM

Friday

- 9:00-10:50 Answering questions from the question box. H. P. RUSK and others

Farm Butchering, Cutting, and Curing of Meat

(*Meat Laboratory, Old Agriculture*)

Wednesday

- 9:00-10:50 Methods of cutting and canning beef and lamb. SLEETER BULL and GLENNA HENDERSON

Thursday

- 9:00-10:50 Methods of cutting and curing pork. SLEETER BULL and GLENNA HENDERSON

Poultry Management

(*128 New Agriculture*)

Monday

- 1:00- 2:50 Demonstration—Judging fowls for egg production. H. J. SLOAN (*Stock Pavilion*)
- 1:00- 1:50 Demonstration—Sexing baby chicks. H. H. ALP (*331 New Agr.*) *Note:* A charge of \$1.00 will be made to cover the cost of the 10 chicks which each individual uses during the demonstration. Only 15 persons can be accommodated at one demonstration. If there is sufficient demand, the demonstration will be repeated at 2:00, 3:00, and 4:00.

Tuesday

- 9:00- 9:50 Disappointments in poultry breeding. L. E. CARD
- 10:00-10:50 Marketing Illinois eggs. H. H. ALP
- 1:00- 1:50 Stopping the leaks in a poultry business. L. E. CARD
- 2:00- 2:50 Management plans for 1935. H. H. ALP

Wednesday

- 9:00- 9:50 Recent findings in poultry research. L. E. CARD
- 10:00-10:50 The relation of hereditary resistance and susceptibility to the mortality problem. ELMER ROBERTS
- 1:00- 1:50 The relation of general economic conditions to the poultry industry. L. J. NORTON

2:00- 2:50 Adapting our farm poultry operations to changing conditions. H. L. KEMPSTER, Professor of Poultry Husbandry, University of Missouri, Columbia, Missouri

Thursday

9:00- 9:50 Feeding the laying flock. H. J. SLOAN
10:00-10:50 Housing farm poultry. H. L. KEMPSTER
1:00- 1:50 Feeding young chicks. H. J. SLOAN
2:00- 2:50 Brooding and rearing chicks. L. E. CARD

Friday

9:00- 9:50 Merchandising the turkey crop. T. L. JONES, Agricultural Agent, Chicago and Illinois Midland Railway, Havana
Question box on turkey marketing. H. H. ALP
10:00-10:50 Problems in turkey production. WILLIAM KOHLMAYER, Poultry Extension Specialist, Purdue University, Lafayette, Indiana

Beekeeping

(104 Experimental Zoology Laboratory—
Corner Wright and Healey Streets,
Champaign)

Tuesday

9:00- 9:50 The working tools of the bees. B. W. BURKS, Urbana
Know your bees. V. G. MILUM
10:00-10:50 Types of hives and methods of assembling. V. G. MILUM
1:00- 1:50 The chemical composition of some Illinois honeys. G. E. LYNN, Rantoul
Other characteristics of honey. V. G. MILUM
2:00- 2:50 Honey extracting demonstrations. V. G. MILUM

Wednesday

8:00- 8:50 Do the bees vacation in winter? V. G. MILUM
9:00- 9:50 How shall we aid our bees in winter and spring? G. H. CALE, Editor, American Bee Journal, Hamilton, Illinois
Bee hysteria. CARL E. KILLION, Paris
10:00-10:50 Colony management for extracting honey production. G. H. CALE
1:00- 1:50 Producing comb honey. CARL E. KILLION
2:00- 2:50 Saving the beeswax. G. H. CALE
Requeening—why, when, and how shall we do it? C. F. EARLE, Dalton City

Thursday

8:00- 8:50 Races and strains of bees. G. H. CALE
Saving time, steps, and worry in the apiary. E. F. PETERSON, Secretary, Illinois State Beekeepers Association, Kewanee

- 9:00- 9:50 Adult bee diseases and pests. V. G. MILUM
Diagnosing brood disease. G. H. CALE
- 10:00-10:50 Apiary inspection and methods of bee disease
control. C. L. DUAX, Chief Inspector of
Apiaries, State Department of Agriculture,
Chicago
- 1:00- 1:50 Do we need beekeepers' associations? E. F.
PETERSON
How shall we advertise our product? WESLEY
OSBORNE, Hillsboro
- 2:00- 2:50 Preparing the crop for the market. C. L. DUAX
Grading and marketing our product. G. H.
CALE

DAIRY HUSBANDRY

Dairy Cattle Feeding (127 New Agriculture)

Monday

- 1:00- 1:50 Planning economical rations for dairy cows.
W. B. NEVENS

Tuesday

- 1:00- 1:50 Current problems in feeding dairy cattle:
grain mixtures without oats; feeding mineral
supplements; new feeds, including les-
pedeza, brewers' and distillers' grains, etc.
W. B. NEVENS

Producing High-Quality Milk and Cream

(127 New Agriculture)

Wednesday

- 1:00- 1:50 Discussion and demonstration. Inexpensive
methods of producing milk of high quality.
M. J. PRUCHA

Thursday

- 1:00- 1:50 Discussion and demonstration. Methods of
producing high-quality cream for butter-
making; grading cream. M. J. PRUCHA

Dairy Cattle Selection, Breeding, and Management

(Stock Pavilion)

Tuesday

- 9:00-10:50 Demonstrations and judging—Newer concep-
tions of individuality in cattle. W. W. YAPP
and A. F. KUHLMAN

Wednesday

- 9:00- 9:50 The calf club problem and need of club leadership. E. I. PILCHARD
- 10:00-10:50 Selection, care, and management of the Dairy Club calf. W. W. YAPP
- What the Dairy Calf Club has meant to me. M. F. DEMUNN, and KARL KAINZ, former club champions and now students at the University of Illinois

Thursday

- 9:00-10:50 Demonstration—Building a herd upon the scientific principles of breeding. W. W. YAPP and A. F. KUHLMAN

Friday

- 9:00- 9:50 The dairy farm as a unit. W. J. FRASER (*205 Old Agr.*)
- 10:00-10:50 The dairy farm enterprises with special reference to the tenancy problem. H. C. M. CASE (*205 Old Agr.*)

Dairy Products

(*Dairy Manufactures*)

Tuesday

- 9:00-10:50 Manufacture of soft cheeses. S. L. TUCKEY
- 1:00- 1:50 Common flavor defects in milk and cream. P. H. TRACY
- 2:00- 2:50 Manufacture of special dairy products: chocolate milk, honey-cream, plastic cream, etc. P. H. TRACY

Wednesday

- 9:00-10:50 Manufacture of cheddar cheese. S. L. TUCKEY
- 1:00- 2:50 Manufacture of cheddar cheese. S. L. TUCKEY

Thursday

- 9:00-10:50 Buttermaking. H. A. RUEHE
- 1:00- 1:50 Butter judging. H. A. RUEHE
- 2:00- 2:50 Cream whipping. P. H. TRACY

Friday

- 9:00-10:50 Demonstration—Making ice cream, sherbets, ices, and fancy ice cream. P. H. TRACY

Samples for the *Butter and Cheese Contest* should be left at the Dairy Manufactures Building not later than 9 a.m., Tuesday, January 15, 1935. The prize awards will be announced at the General Session, Thursday morning.

Testing Dairy Products

(*503 Old Agriculture*)

Tuesday

- 9:00-10:50 Sampling and testing milk for fat by the Babcock test. Discussion and demonstration. O. R. OVERMAN and O. F. GARRETT

Wednesday

9:00-10:50 Sampling and testing cream by the Babcock test. Discussion and demonstration. O. R. OVERMAN and O. F. GARRETT

HORTICULTURE

Grape Production

(326 *New Agriculture*)

Monday

1:00- 1:50 Adaptation of grape varieties to Illinois. A. S. COLBY

2:00- 2:50 Harvesting and storage of grapes. A. S. COLBY

Tuesday

9:00-10:50 Fruit bud studies of the grape in relation to fruitfulness. R. L. McMUNN

1:00- 2:50 Pruning and training young grapevines. A. S. COLBY

Wednesday

9:00- 9:50 Planting the vineyard. R. S. MARSH

10:00-10:50 Soil management of the vineyard. R. S. MARSH

1:00- 2:50 Pruning fruiting grapevines. A. S. COLBY

Thursday

9:00-10:50 Grape insects and their control. M. D. FARRAR

1:00- 2:50 Grape diseases and their control. H. W. ANDERSON

Friday

9:00-10:50 Questions on fruits and fruit production. Answered by staff. Bring in your questions at these hours on tree and small fruits.

Flowers for the Home

(118 *New Agriculture*)

Tuesday

9:00- 9:50 Arrangement of cut flowers for the home. H. B. DORNER

Wednesday

9:00- 9:50 Roses for the home garden. S. W. HALL

Thursday

9:00- 9:50 Lawns and lawn grasses. F. F. WEINARD

Friday

9:00- 9:50 Plants for the beginner's rock garden (Illustrated.) J. H. HANLEY

The Home Vegetable Garden

(118 *New Agriculture*)

Monday

2:00- 2:50 Tomato culture in a hot, dry season. W. A. HUELSEN

Tuesday

10:00-10:50 Commercial methods applicable to home canning. W. A. HUELSEN

2:00- 2:50 New and improved varieties of vegetables. B. L. WEAVER

Wednesday

10:00-10:50 Dependable vegetables in unfavorable seasons. J. W. LLOYD

2:00- 2:50 Relation of weather and other factors to the prevalence of vegetable diseases. K. J. KADOW

Thursday

10:00-10:50 The fall vegetable garden. B. L. WEAVER

2:00- 2:50 Irrigation systems applicable to Illinois gardens. L. A. SOMERS

Friday

10:00-10:50 Practical aspects of garden irrigation. L. A. SOMERS

RURAL ORGANIZATION

The Future of the AAA

(103 *New Agriculture*)

D. E. LINDSTROM, *presiding*

Tuesday

8:00- 8:50 AAA discussion demonstrations. Edgar county team

Wednesday

8:00- 8:50 AAA discussion demonstrations. McLean county team

Thursday

8:00- 8:50 AAA discussion demonstrations. Randolph county team

Friday

8:00- 8:50 AAA discussion demonstrations. Effingham county team. Selection of state team by Lyman Judson

Rural Rehabilitation

(214 New Agriculture)

Tuesday

- 9:00- 9:50 National objectives in rural rehabilitation. W. A. WESTBROOK, Director of Rural Rehabilitation, F. E. R. A., Washington, D. C.

Wednesday

- 9:00- 9:50 Basic considerations for a rural rehabilitation program in Illinois. C. H. HUMPHREY, Director, Rural Rehabilitation, I. E. R. C., Chicago

Thursday

- 9:00- 9:50 State objectives in rural rehabilitation. C. H. HUMPHREY

Friday

- 9:00- 9:50 Progress made on rural rehabilitation in Illinois. C. H. HUMPHREY

Rural Ministers and Lay Workers' Forum

(214 New Agriculture)

R. E. HIERONYMUS, *presiding*

Monday

- 1:00- 1:50 The rural community and the council of churches. Reverend CHARLES SHIKE, Executive Secretary, Illinois Council of Churches, Springfield
- 2:00- 2:50 Rural rehabilitation and the rural church. JAMES H. DANCE, Regional Rural Rehabilitation Adviser, Chicago
- 6:00 Dinner—Various separate denominational groups about the campus

Tuesday

- 1:00- 2:50 Panel discussion. The new impact of vital religion on the changing rural order. Reverend H. CLIFFORD NORTHCOTT, leader, Mrs. HOMER JOHNSON, J. H. SINGLETON, GEORGE IFTNER, GEORGE NELL, CLARA BRIAN, WILLIAM RIEGEL, FRANK BREEN, CHARLES SHIKE
- 6:00 Joint dinner for rural ministers and lay leaders

4-H CLUB WORK

Working With Young People

(Gregorian Hall, Third Floor, Woman's Building)

Monday

- 1:00- 1:50 The 4-H leader's place in a creative program.
LYNN ROHRBOUGH, Director, Church Recreation League of Ohio, Delaware, Ohio

Tuesday

- 1:00- 1:50 Another leaf for the 4-H clover. LYNN ROHRBOUGH

Wednesday

- 1:00- 1:50 An economic foundation for good recreation.
LYNN ROHRBOUGH

Thursday

- 1:00- 1:50 Three popular projects for local 4-H clubs.
LYNN ROHRBOUGH

FARM FORESTRY

(316 New Agriculture)

Wednesday

- 1:00- 2:50 The use of trees for gully control. L. E. SAWYER

Thursday

- 1:00- 2:50 Management and protection of woodlands; utilization and marketing of woodland products. (Illustrated by film strips) L. E. SAWYER

HOME ECONOMICS

A Panorama of Homemaking Problems

(First Floor, South Parlor, Woman's Building)

Monday

- 1:00- 1:50 When you buy textiles. MARY C. WHITLOCK
2:00- 2:50 Hygiene and health on the farm. F. W. FANNER

Tuesday

- 9:00- 9:50 The child's own library. AGNES F. P. GREER
Books for grown-ups. ANNA MAY PRICE,
Library Extension Division, Springfield
10:00-10:50 New views of familiar foods. STELLA MUNGER
1:00- 1:50 Measures of growth and nutrition. JULIA OUTHOUSE
2:00- 2:50 Keynotes in costumes. HELEN EADES and MARY W. BEAM

Friday

- 9:00- 9:50 Factors affecting family life today. B. F. TIMMONS
- 10:00-10:50 The University and the home. RUTH A. WARDALL

Homemakers Conference

(*Lincoln Hall Theatre*)

Tuesday

- 9:00-10:50 Conference of home bureau officers and leaders. (*Second Floor Parlors, W. B.*)
Factors contributing to the county home bureau organization:
- (a) An informed membership. Mrs. LOUIS WEYRICH, Tazewell county
 - (b) The home adviser's part in correlating program activities. FERN CARL, Rock Island County Home Adviser
 - (c) The part of a county membership committee. Mrs. CHARLES BROWNSEY, Livingston county
- Results of district organization schools and future plans. Mrs. ELSIE MIES, Chairman, Federation Organization Committee
- 1:30 p. m. Business session, Illinois Federation of Home Bureaus. Mrs. LEONARD KILLEY, President, *presiding*

Wednesday

- 9:00-10:50 Group singing led by MARY McKEE
Roll call by counties and short reports
Pending legislation regarding insurance. F. G. DICKINSON
- 1:00 p. m. Group singing
Creative leisure. Mrs. SPENCER EWING, Bloomington
Art in American gardens. Mrs. M. L. FULLER, Landscape Artist, Peoria
- 4:15 p. m. Economical and artistic use of cottons. (Dresses shown on living models). CATHERINE ELOISE CLEVELAND, Cotton Textile Institute, New York

Thursday

- 9:00-10:50 Group singing
Personality and clothes. Mrs. EVELYN TOBEY, The Fashion Service, New York
- 1:00- 2:50 Group singing
Who pays for advertising? F. A. RUSSELL
Individuality in clothing. Mrs. EVELYN TOBEY

Special Conferences

Illinois Brown Swiss Breeders Association

The Illinois Brown Swiss Breeders Association will hold their annual winter meeting Tuesday, January 15, at 10 a.m., in *Room 205 Old Agriculture*.

Illinois Jersey Cattle Club

The annual meeting of the Illinois Jersey Cattle Club will be held Wednesday, January 16, at 10 a.m., in *Room 205 Old Agriculture*.

Illinois Guernsey Breeders Association

The annual winter meeting of the Illinois Guernsey Breeders Association will be held Thursday, January 17, at 10 a.m., in *Room 205 Old Agriculture*.

Illinois Crop Improvement Association

The annual business meeting of the Illinois Crop Improvement Association will be held Wednesday, January 16, at 4 p.m., in *Room 205 Old Agriculture*.

The annual banquet of the Illinois Crop Improvement Association will be held in the *Lower Gymnasium, Woman's Building*, Wednesday, January 16, 5:30 to 7:45 p.m. An interesting special feature in addition to a short program will follow the dinner. Medals will be awarded to winners in the Ten-Acre Corn-Growing Contest as well as in the Utility Corn Show. Everyone attending FARM AND HOME WEEK is invited to attend.

Illinois Turkey Growers' Association

The Illinois Turkey Growers' Association will hold an all-day meeting at Urbana on Friday, January 18. In the morning they will meet at *128 New Agriculture* and in the afternoon at the *Stock Pavilion*. During the afternoon, Mr. T. W. HEITZ, U. S. Department of Agriculture, will give a demonstration of up-to-date methods in killing and dressing turkeys for market, and will discuss the government grading program as it relates to turkey marketing.

Annual School for Grain Judges

(*110 Old Agriculture*)

During FARM AND HOME WEEK the Department of Agronomy and the Illinois Crop Improvement Association conducts a school for seed and grain judges. At the conclusion of the school an examination is held and certificates of "Certified Grain Judge" awarded to those who successfully complete the week's work and pass the examination. Scheduled work will be given from 8 to 9 a.m. and 4 to 6 p.m. with an opportunity for individual practice during the day. The first meeting will be held Monday, January 14, at 11 a.m. in *110 Old Agriculture Building*. Special emphasis will be given to legumes and grass seeds this year.

Illinois Seed Grain Show

(Fourth Floor, New Agriculture)

The Illinois Seed Grain Show and the Fifteenth Annual Utility Corn Show will be held in connection with FARM AND HOME WEEK.

The Corn Show will be open to visitors at 4 p.m. Monday, January 14, and will remain open thruout the week. The best hours to visit the show are 8:00 a.m. and from 4 to 6 p.m. daily.

Illinois Guild of Master Farm Homemakers

The annual business meeting of the Illinois Guild of Master Farm Homemakers will be held Wednesday, January 16, at 4 p.m. in the *Woman's Building*. There will be a luncheon Thursday, January 17, at 12 m. at the *Southern Tea Room*.

ART EXTENSION COMMITTEE CONFERENCE

Wednesday

- 1:00- 2:50 Creative leisure. Mrs. SPENCER EWING, Bloomington
Art in American gardens. Mrs. M. L. FULLER, Landscape Artist, Peoria (*Little Theatre, Lincoln Hall*)
- 3:00- 3:30 Address. President ARTHUR C. WILLARD, University of Illinois (*Auditorium*)
- 4:00 p.m. Orchestra concert. F. B. STIVEN, Director (*Smith Memorial Hall*)
- 4:30 p.m. Reception (*Woman's Building*)
- 6:00 p.m. Supper. Cafeteria Service (*Woman's Building Cafeteria*)
- 7:30 p.m. Winter festival. (*New Gymnasium*)

Thursday

With Community Planning Conference

(*Hall of Casts, Architecture Building*)

- 9:00- 9:50 How to organize a citizen's agency for community betterment. FRANK LAWRENCE, Director, Civic Bureau, St. Louis Chamber of Commerce
- 10:00-10:50 Objectives in national planning and the citizen's interest. Miss HARLEAN JAMES, Executive Secretary of the American Civil Association
- 11:00-11:50 An official city planning act for Illinois. HARLAND BARTHOLOMEW, Nonresident professor of civic design
Discussion
- 2:00- 2:50 Coordination between local community planning and the larger regional plans. B. C. McCURDY, Engineer, St. Clair county
- 3:00- 3:50 County planning as a part of the picture. A. C. GAUEN, President, Tri-County Regional Planning Federation

4:00 p. m. The development of a typical community planning venture. (Illustrated). KARL B. LOHMANN.

Discussion and Summary. REXFORD NEWCOMB

Friday

(*Little Theatre, Lincoln Hall*)

9:00- 9:50 Panel discussion. The interrelated arts. C. E. PALMER, leader; and C. E. BRADBURY, J. S. CRANDELL, HARLEAN JAMES, F. B. STIVEN, GEORGE L. CLARK, MARIA LEONARD, FANNIE BROOKS, OTTO G. SCHAFER, and E. T. HILLER

Music and Drama Tournament Finals

Tuesday

10:00 a. m. Rehearsal for state chorus. (*Smith Memorial Hall*)

8:15 p. m. Mid-year recital of the Illinois counties' rural chorus. (*Auditorium*)

Thursday

10:00 a. m. Annual business meeting for delegates of the Illinois music and drama tournament. (*214 New Agr.*)

4:00 p. m. The fifth annual music tournament. (*Smith Memorial Hall*)

5:00 p. m. Rehearsal of quartet ensembles. (*Basement of Smith Memorial Hall*)

6:00 p. m. Annual dinner for participants in the music and drama tournament. (*Cafeteria, Woman's Building*)

7:30 p. m. Sixth annual drama tournament and music festival. (*Auditorium*)

ILLINOIS SOCIETY OF FARM MANAGERS

(*Auditorium*)

Thursday

C. L. STEWART, *presiding*

9:00- 9:50 Regional aspects of Illinois land-use problems. L. R. SCHOENMANN, Regional Director, Land Policy Section, AAA, Urbana

Replanning Illinois land uses for crop and livestock production. R. R. HUDELSON

10:00-10:50 Replanning Illinois land for forest and woodlot production. L. E. SAWYER

Replanning Illinois land uses for recreation and game production. W. F. LODGE, President, Illinois Division, Izaak Walton League of America, Inc.

Round table discussion.

- 11:00-11:50 The outlook for planned land use. L. C. GRAY, Chief Land Policy Section, AAA, Washington, D.C.
JOSEPH ACKERMAN, *presiding*
- 12:00 m. Lunch. *Bradley Arcade*
- 1:15 p.m. Progress report of soil erosion demonstration, F. A. FISHER, Director, Soil Erosion Service, U. S. D. I. (*Bradley Arcade*)
- 1:45 p.m. Election of officers
- 2:30 p.m. Some problems relating to a continuing agricultural adjustment program. F. F. ELLIOTT, Assistant Chief, Planning Division, AAA (*Bradley Arcade*)
- 3:30 p.m. Discussion. P. E. JOHNSTON, W. E. REIGEL, Tolono, W. W. McLAUGHLIN, Director, Illinois State Department of Agriculture, Springfield, and D. HOWARD DOANE, Doane Agricultural Service, St. Louis, Missouri (*Bradley Arcade*)
- 6:00 p.m. Dinner. *Bradley Arcade*
- 7:15 p.m. Agricultural planning in relation to farm management. Round table discussion, H. C. M. CASE, leader; L. C. GRAY, F. F. ELLIOTT, and W. W. McLAUGHLIN (*Bradley Arcade*)

Exhibits

Exhibits for the Farm and Home

(Second Floor Gymnasium, Woman's Building)

I. Farm food products and their use

1. *Poultry*

Experimental chicks showing the results of proper and improper feeding. Baby chicks.

2. *Vegetables*

Display of Chinese cabbage. Suggestive uses. Instructions for cultivation. Methods of storage.

3. *Meats*

Preservation of meats in various stages of cure. Helps in making lard. Display of meat in various methods of preservation.

4. *Honey*

Care and use of honey. Extracting process demonstrated. Foods showing use of honey. Mimeographed material on uses.

5. *Dairy products*

Helps in making butter and cheese. Display showing proper and improper methods. Equipment for making dairy products.

6. *Ways of using Illinois farm products*

Soybeans—various methods of using the soybean for human consumption. Flour from Illinois grains. Illinois fruits preserved and jellied.

7. *Nutrition and dietetics*

Foods as related to health showing mineral content of specific foods. Physical growth of the child.

II. Household operation

1. *Household repairs*

Proper care and use of household equipment. Answers to questions on how to repair home equipment.

2. *Cutlery*

A display of household knives, shears, and sharpeners. A display of knives for dressing poultry. Points to look for in buying knives.

3. *Farm and home accounts*

Showing how farm and home records may be kept. Summary material showing the value of account keeping.

4. *Sewing room*

Showing equipment and convenient arrangement of a sewing unit in the home.

5. *Child's room*

Furniture and equipment for a child's room. Possibilities of homemade equipment.

6. *Household pests*

Display of methods of eradication and control of clothes moths and carpet beetles.



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III. Textiles and clothing

1. *Early American textiles*

Coverlets and shawls, old and new, showing adaptations of old patterns.

2. *Tale of a shirt*

Materials in men's shirts, good and poor quality. Points to consider when buying.

3. *Bath towels*

How to determine a good towel. Illustrations of good and poor towels.

4. *Children's dresses*

An exhibit of made-over garments for children, prepared and loaned by the Bureau of Home Economics, Washington, D. C.

IV. Table setting

A display of tables showing costs, suitability to occasion and harmony in choice of dishes, linen and silver. This project will be executed by three Home Economics student organizations.

V. Floriculture

A display of potted and cut flowers suitable for home use. Glass gardens.

VI. Book exhibit

Books for the homemaker's library concerning food, clothing, management and child care. Books for children.

Agricultural Engineering

In addition to the power and field machinery, home equipment, and building materials ordinarily displayed in the *Agricultural Engineering Building*, there will be special exhibits of soil erosion machinery. Other features will be (1) haying machinery and combine balers, (2) tractor with Diesel engine, (3) tractors with low pressure tires, (4) farmbuilding plans and models. Moving pictures will be shown in the building each day during the noon hour, and students will operate a lunch stand.

Agronomy

The fourth floor of the New Agricultural Building will be open from 8 a. m. to 6 p. m. daily. Among the exhibits pertaining to soils and crops are the following: STATE CORN SHOW, acre-yield exhibit, certified seed exhibit, lespezeza exhibit, chinch bug control, chinch-bug-resistant varieties of corn, barberry eradication, soil erosion control, getting the most out of roughage, the drouth of 1934 and what it did to crops, and the general agricultural exhibit. *Take the elevator at the north end of the first floor, New Agricultural Building.*

Animal Husbandry

A pathological museum of animal diseases may be seen in the *Animal Pathology Building*, 8 a. m. to 5 p. m. daily. The purebred and experimental herds and flocks maintained on the Animal Husbandry farm may be seen by FARM AND HOME WEEK visitors at the same hours.

Bulletin Exhibit

Bulletins and circulars of the College of Agriculture are on exhibit in the *Auditorium*. With this are forms on which visitors may apply for the bulletins and circulars they desire. Names may be put on the bulletin mailing list thru this channel. Last year many visitors took advantage of this information and a total of 11,112 publications were distributed.

Dairy Products Exhibit

(*Second Floor Gymnasium, Woman's Building*)

To assist farmers of Illinois in securing more profitable outlets for milk and cream, the Division of Dairy Manufacturers is arranging an exhibit that will show the best methods of preparing certain dairy products for market. Methods of manufacture and suggestions for packages and containers will be made. The more common defects occurring in butter and cheese will be illustrated and remedies will be suggested. This exhibit should be of interest to the farm-dairy operator as well as to the farm wife.

Horticulture

In the *Vegetable Greenhouses* will be found a crop of tomatoes and other vegetables grown under glass during the winter months.

A wide variety of foliage and flowering plants, including roses, carnations, snapdragons, ferns, palms, and many other ornamentals will be on display at the *Floricultural Greenhouses*.

An exhibit of nuts and a display of horticultural literature will be found in the lobby of the *Horticultural Field Laboratory*.

These buildings will be open from 8 a.m. to 5 p.m. daily.

Museums

I. *Classical Archaeology and Art, European Culture, Oriental Museum*—Top floor Lincoln Hall, open from 8 a.m. to 10 p.m. daily, elevator service. These museums consist of collections of originals and reproductions of works of art, coins, arms and armour, peasant costumes, theatre models, ship models, wood and ivory carvings, early musical instruments, pottery, mummy case fragments and mummified sacred birds from Egypt, objects from Palestine, models of domestic furniture and pre-historic implements from the Near East, and a special exhibit of Balinese handicraft and weaving.

II. *Natural History Museum*—Third floor Natural History Building, open from 8 a.m. to 10 p.m. daily. Exhibits of special interest are: Group showing injurious apple insects; group showing injurious corn insects; consumers products made from corn; consumers products made from cotton and cocoa; how buttons are made; pearls and their culture; clothing and food of the Esquimaux; clothing of the Australians; birds economically useful to the farmer and their food habits; the history of the horse; and ancient man and his descendants. In addition there can be seen a large collection and exhibit of Indian culture and animal and geological life.

Exhibition of Work by Modern American Painters

Original oil paintings by renowned living artists, loaned by one of the large New York galleries, are on display in the east gallery of the *Architecture Building*.

Portrait of Dean Davenport

The portrait of Dean *emeritus* Eugene Davenport, painted by Sidney E. Dickinson, N. A., is on display on the second floor (south end) of the *New Agricultural Building*. The funds for the painting of the portrait were subscribed by former students, present and former members of the faculty of the College of Agriculture, colleagues in other institutions, personal friends and associates, and numerous Illinois citizens. The portrait was presented to the University of Illinois in June, 1932, and placed in its present position during the past year.